A complete editorial index of all issues of

World Petroleum

Volume 30published in 1959

Author's Index

		ISSUE	PAGE
A	ALFONSO, JUAN PABLO PEREZ		
	Oil is Not Everything	July	36
	ANDRIESSEN, IR. C. J.		
	Holland and Its Oil	June	2-H-1
	ASH, W. M. V.		
	Canada's Bright Future	June	1-68
B	BABSON, C. E.		
	Our Petroleum & Natural Gas Future	May	43
	BAILANDE, HENRI		
	La Chambre Syndicale The Professional Association Of The Oil And Natural Gas Prospecting and Production Industry	June	2-F-5
	BEACH, FLOYD K.		
	Natural Gas--Canada's Prodigal	May	51
	BEATON, KENDALL		
	The High Cost Of Whale Oil--An What It Led To	June	1-62
	BEEBY-THOMPSON, A.		
	60 Years of Oil-Field Experience	June	1-93
	BELL, HAROLD S.		
	100 Years Of Oil Refining	June	1-84
	BELL, B. H. J.		
	Fisons' New Nitrogen Plant	Sept	80
	BERLIET, PAUL		
	Why The French Built The World's Largest Truck, The T-100	June	2-F-55
	BERNHEIMER, FRED L. (and Jill C. Brown)		
	Doddlebugs in Colombia's Sky	Dec.	52
	BERREBY, JEAN JACQUES		
	What Happened at Cairo	June	1-8
	BLANCHARD, ANDRE		
	Lacq Gas As A Factor Of French Economic Prosperity	June	2-F-25
	BOCK, DR. JUR. FRITZ		
	Introduction to Austrian Section	June	2-A-2
	BOCK, J. E. (and Dr. Morgan C. Sze)		
	Greek Government Refinery In Full Operation	Ref.	69
	BROSCHE, LYLE E.		
	How To Improve Degree Day Forecasting	Nov.	110
	BROUGHTON, D. B. (and D. B. Carson)		
	The Molex Process Refining Advance By UOP.	Apr.	50
	BROWN, JILL C. (with Fred L. Bernheimer)		
	Doddlebugs in Colombia's Sky	Dec.	42*
	Doddlebugs in Colombia's Sky	Dec.	52
	BROWN, K. M. (with W.K.T. Gleim and F. Urban)		
	A New Low Cost Treating Process	Nov.	86
	BULAKH, G. I. (with Messrs. Ioannesyan, Gusman, Minin, Tagiev, Titkov, Trebin and Ostrovsky)		
	Turbodrilling Progress And New Drilling Methods In The USSR	Aug.	42
	BULLOCK, DAVID BRUCE		
	Canada's Arctic Prospects	May	100
	BUMEP, C.A.S.		
	Canada's Exploration--1958	May	58
	BURNS, H.S.M.		
	Don't Apologize For Profits	Nov.	53
C	CAGLE, AUSTIN		
	The Job Ahead	Jan.	38
	CAMERON, RUSSELL J. (and Robert E. Gustafson)		
	Shale-Oil Activities	Mar.	66
	CARSON, D. B. (with D. B. Broughton)		
	The Molex Process--Refining Advance By UOP	Apr.	50
	CAZZANIGA, DR. VINCENSO		
	Refining And Distribution Of Petroleum Products in Italy	June	2-I-14
	CHARON, ANDRE		
	Six Years Of Exploration in The Sahara	Sept.	42
	CLEMIE, JAMES MOG. R.		
	Mobil Oil Company's New LPGas Recovery Unit	Aug.	54
	CONNERAN, JAMES A.		
	Remote Control of a Gas-Oil Plant	Apr.	41
	CORRADINI, LUCIO		
	Trends of Oil Economics and Their Influence on the European Energy Market	June	2-E-5
	COUPTET, PIERRE		
	Gas Piping Networks in France	June	2-F-43
	CRAEN, PROF. DR. GASTON		
	Petroleum and the Belgian Construction and Oil Equipment Industries	June	2-B-8
	CUNNINGHAM, J. M.		
	Economical Magnetic Tape Processing	Mar.	79
	CALVERT, JAMES W.		
	Disaster on Platform "E"	Jan.	42
D	DELATE, THOMAS E.		
	New Income Tax Law Breaks the "50-50"	July	58
	DELAVESNE, YVES		
	Bureau de Recherches du Petrole Results and Prospects	June	2-F-9
	DE METZ, V.		
	The Importance of Saharian Oil	June	2-F-15
EF	EHRARD, LUDWIG		
	Foreword to the German Section	June	2-G-3
G	GARNER, ALEXANDER		
	Sino-Soviet Plans for Oil and Gas--what Chance for Success?	Sept	60
	GALPENER, LINN H.		
	Improvements in Directional Drilling Technology Reduce Footage Costs	Aug.	50
	GALLON, J.		
	More Efficiency and Lower Drilling Costs	June	2-F-33
	GENTHIAL, ANDRE		
	The Pipeline in the French Petroleum Industry	June	2-F-47
	GERZABEK V. (with H. G. Ulrik)		
	Drilling and Producing Techniques	June	2-A-15
	GEYER, GERHARD		
	Oil Flows, Swims and Rolls	June	2-G-268
	GLEIM, W.K.T. (and K.M. Brown and F. Urban)		
	A New Low Cost Treating Process	Nov.	86
	GOETZE, ROGER		
	History of Geological Exploration by S. N. Popel	June	2-F-23
	GRILL, DR. R.		
	Oil-Geological Conditions in Austria	June	2-A-10
	GRUENWALD, ARTHUR		
	Wilhelmshaven--Europort No. 27	June	2-G-272
	GUSMAN, M. T. (with Messrs. Ioannesyan, Minin, Bulakh, Tagiev, Titkov, Trebin and Ostrovsky)		
	Turbodrilling Progress and New Drilling Methods in the USSR	Aug.	42
	GUTHRIE, V. B.		
	Marketing--From Coal Oil to the Petroleum Molecule	June	1-134
H	HAMMER, DIPL. ING. E.		
	Austrian Refineries	June	2-A-34
	HARVEY, HUGH		
	North of the Prairies	Mar.	55
	HEINEMANN, HEINZ (with Herold Shalit)		
	Review of Recent USA Patents on Acrylonitrile	Jan.	64
	Review of Recent USA Patents on Oxo	Sept	84
	HEINEMANN, HEINZ (with F. A. LaFrancois)		
	Annual Review of USA Patents on Petroleum Refining and Processing	Ref.	78
	New USA Patents on Catalysts in the Petroleum Industry	July	60
	HENRY, GUY (and Georges Perret)		
	French Petroleum Equipment	June	2-F-11
	HIRSCH, DIPL. ING. M.		
	Natural Gas Production	June	2-A-36
	HOFMAN, CH. A.		
	Chapter III of Holland and its Oil	June	2-H-13
	HUBER, DR. ING. F.		
	Use of Natural Gas	June	2-A-36
	HUBLEY, NEIL F., S. J. (and Sebastian J. Paciti)		
	One Hundred Years of Oil	June	1-176
	HUTTLINGER, JOSEPH B.		
	Washington Pipeline	Aug.	4
	Washington Pipeline	Sept	4
I	IOANNESYAN, R. A. (and Messrs. Gusman, Minin, Bulakh, Tagiev, Titkov, Trebin and Ostrovsky)		

(Cont'd onepage 2)

		ISSUE	PAGE
	Turbodrilling Progress and New Drilling Methods in the USSR	Aug.	42
J	JANOSCHEK, DR. R.		
	The Gras Basin	June	2-A-18
	The Molasse Zone of Austria	Sept	94
	JEANNENEY, JEAN MARCEL		
	Oil and the French Economy	June	2-F-3
K	KERN, DR. H.		
	Foreward for Austria	June	2-A-3
	KUHNE, DR. F.		
	Types of Oil and Gas Deposits	June	2-C-19
	KUPFER, DR. H.		
	History of Petroleum Exploration in Austria	June	2-A-3
L	LEACH, ROBERT W.		
	Make-Believe Makes Money--Monte Carlo Marine Terminal Model	July	40
	LEATHERS, R. B.		
	World's Largest Submarine Gas Line Boosts Lake Maracaibo Conservation	July	44
	Lefrancois, F. A. (with Heinz Heinemann)		
	New USA Patents on Catalysts in the Petroleum Industry	July	60
	Annual Review of USA Patents on Petroleum Refining and Processing	Ref.	78
	LE GALL, J. P.		
	The Federation of Petroleum Equipment Manufacturers	June	2-E-2
	LEWIS, D. E.		
	Canada's Oil Laws Reviewed	May	66
	LICHTBLAU, J.		
	Suez Canal Traffic at Record High	Apr.	40
	LICHTBLAU, J. (and Dillard Spriggs)		
	U.S. Depletion Vs. International Production	Dec.	64
M	MALSCHAERT, F. P.		
	Belgian Participation in the Fifth World Petroleum Congress	June	2-B-3
	MARTIN, R.		
	Sahara Pipeline Completed	Oct.	47
	MATHIEU, J. L.		
	Latest Developments in the Field of Electrical Measurements in Drill Holes	June	2-F-34
	MATTEI, ENRICO		
	Development of the Italian Petroleum Industry	June	2-I-3
	MELTON, JAMES O.		
	Automatic Drilling Weight Control	Aug.	64
	METZNER, DR. ALFONS		
	Development and Prospects for Petrochemistry	June	2-G-54
	MININ, A. A. (with Messrs. Ioannesyan, Gusman, Bulakh, Tagiev, Titkov, Trebin & Ostrovsky)		
	Turbodrilling Progress and New Drilling Methods in the USSR	Aug.	42
	MOCH, PAUL		
	C.R.E.P.S., a Sahara Pioneer	June	2-F-19
	MOULIN, MAURICE		
	The French Petrochemical Industry from Petroleum to Refining and Chemistry	June	2-F-41
N	NAVARRE, RENE		
	The Contribution of the Institut Francaise du Petrole to the Expansion of the Petroleum Industry in France and Throughout the World	June	2-F-6
O	OSTROVSKY, A. F. (with Ioannesyan, Gusman, Minin, Bulakh, Tagiev, Titkov and Trebin)		
	Turbodrilling Progress and New Drilling Methods in the USSR	Aug.	42
P	PALZER, DIPL. ING. KARL		
	A Report on Germany Equipment and Engineering Services	June	2-G-65 to 256
	PERRET, GEORGES (with Guy Henry)		
	French Petroleum Equipment	June	2-F-11
	PEZZOLI, R.		
	Growth of Italian Refining	Ref.	126
	PFE-ERKORN, DR. H.		
	Production in Germany	June	2-G-12
	PORTER, FRANK M.		
	Change and Growth	June	1-58
R	RACITI, SEBASTIAN (with Hall P. Hurley, S.J.)		
	One Hundred Years of Oil	June	1-176
	RASSMUSS, J. E.		
	Oil's Struggle in Western Latin America	Dec.	47
	RIETSCH, H.		
	Turbodrills	June	2-A-14
	ROBSON, DONALD H.		
	The Free-Piston Engine	June	1-220
	ROSU, DR. GEORGE		
	Ten Years' of Red China Oil	Nov.	94
	ROSZEL, S. S. JR.		
	Automated Production Platform	Nov.	59
	ROWLAND, LESLIE ORR		
	Canada Expects 10% Rise in 1959 Domestic Crude Production	Jan.	53
	Can Canada Meet Borden's Challenge?	Nov.	71
	ROZLOSNIK, ANDRES		
	Future Outlook for Oil Production in Argentina	Mar.	51
S	SALNIKOV, IVAN A.		
	Petroleum Technology in the USSR	Apr.	43
	SCHENCK, FREDERICK L.		
	Geophysical Exploration Problems in Libya	Mar.	42
	SCHIERBEEK, DR. F.		
	Introductory Chapter to Holland and its Oil	June	2-H-1
	SCHLICHT, DR. H. C.		
	Oil Training in Germany	June	2-G-6
	SEEBOHM, DR. ING. HANS CHRISTOPH		
	Transportation of Mineral Oil	June	2-G-258
	SEVERS, V.		
	New "Grass Roots" Refinery Adds 31,500 Barrels to French Capacity	Ref.	56
	SHALIT, HAROLD (with Heinz Heinemann)		
	Review of Recent USA Patents on Acrylonitrile	Jan.	64
	Review of Recent USA Patents on Oxo	Sept	84
	SHERWOOD, PETER W.		
	Petrochemical Horizons for Propylene Part IV: Nonene, Dodecene, and Oxo Derivatives (cont'd)	Jan.	59
	Petrochemical Horizons for Propylene, Part V: Propylene-Derived Detergents--Polypropylene	Mar.	98
	Four Decades of Petrochemicals	June	1-164
	Petrochemical Raw Material for Nylon Resins Part I	Ref.	59
	Petrochemical Raw Material for Nylon Resins Part II	Sept	55
	Today's Petrochemical Methods for Sulfur Recovery	Nov.	100
	SIEVWRIGHT, E. C.		
	Canada's 1958--Year of Contrasts	May	45
	SMITH, S. S.		
	Oil's Secret	June	1-74
	SNOY ET D'OPPUERS, BARON		
	Belgian Economic Interest in Petroleum Industry Development	June	2-B-2
	SOURESNY, H.		
	Quality Aspects of Suckerrods	June	2-A-28
	SPRIGGS, D.		
	World Petroleum Market Trends	Feb.	54
	Pressures for Change in Middle East Oil Arrangements	Apr.	37
	SPRIGGS, D. (with John Lichtblau)		
	U.S. Depletion Vs. International Production	Dec.	64
	STAHMER, A. M.		
	More Refineries on the Rhine	June	2-G-49
	STEVENS, HARLEY C.		
	A Reappraisal Needed	Nov.	57
	STHEEMAN, DR. H. A. (with Dr. H. Terneulen)		
	Edited Compendium of Holland and its Oil	June	2-H-1-82
	SZE, DR. MORGAN C. (with J. E. Bogk)		
	Greek Government Refinery in Full Operation	Ref.	69
T	TAGIEV, E. I. (with Messrs. Ioannesyan, Gusman, Minin, Bulakh, Titkov, Trebin & Ostrovsky)		
	Turbodrilling Progress and New Drilling Methods in the USSR	Aug.	42
	TER MEULEN, DR. H. (and Dr. H. A. Stheeman)		
	Edited Compendium of Holland and its Oil	June	2-H-1-82
	THORNLEY, G. H.		
	Expansion at Wakefield's Research Laboratories and Additives Plant	Ref.	62
	TITKOV, N. I. (with Messrs. Ioannesyan, Gusman, Minin, Bulakh, Tagiev, Trebin, and Ostrovsky)		
	Turbodrilling Progress and New Drilling Methods in the USSR	Aug.	42
	TREBIN, F. A. (with Messrs. Ioannesyan, Gusman, Minin, Bulakh, Tagiev, Titkov & Ostrovsky)		
	Turbodrilling Progress and New Drilling Methods in the USSR	Aug.	42
U	UHL, WILLIAM C.		
	The Changing Auto Pattern--and Its Meaning to U.S. Refiners	Nov.	72
	ULRIK, H. G. (and V. Gersabek)		
	Drilling and Producing Techniques	June	2-A-15
	URBAN, F. (with F. M. Brown and W.K.T. Gleim)		
	A New Low Cost Treating Process	Nov.	86
	UREN, LESTER C.		
	Recent Developments in Drilling Equipment	Feb.	55
V	VAN AMSTEL, A.F.		
	Synthesis Gas Plant at Ijmuiden	Dec.	50

(Cont'd on page 3)

	ISSUE	PAGE
VAN DE PUT, C.		
A Financial and Industrial Group for Petroleum Development Under Belgian Leadership.	June	2-B-4
VIGNOLES, C. M.		
Oil's Contribution to the British Economy..	June	1-70
VRINS, TH. J.		
Features of Drilling Contracts Outside North America.....	Aug.	46
WARREN, W. K.		
The 1959 Exposition--A Show Case of Progress.....	Feb.	43
WEBBER, CHARLES E.		
Natural Gasoline--Prime Contributor to Conservation.....	June	1-104
WEIMANN, H. J.		
Application of Diamond Bits to Turbine Drill-Drilling.....	June	2-G-30
WILLIAMS, LUTHER		
The World of Petroleum in Stamps.....	Nov.	80
WOOD, CECIL W.		
The UK--A Heavy-Oil Economy.....	Jan.	35
New Power for the World? "Methane Pioneer" Arrives in UK.....	Apr.	60
UK Refinery Capacity Now 41.5 Million Tons a Year.....	Ref.	52
A Final Safeguard Against Aircraft Fuel Contamination.....	Sept	52
WOOD, DAVID		
Sulfur May Move by Foothills Pipeline.....	May	80
ZIEGLER, PROF. DR. KARL		
The Max Planck Institute.....	June	2-G-46
ZIMMERMANN, FRIEDRICH		
Economics of Pipeline Planning.....	June	2-G-264

World Petroleum Subject Index 1959

(Note: Shorts and news items for countries outside the USA will be found in the Geographical Index only--under the appropriate country. Except for the United States, the subject index covers major articles only.)

	ISSUE	PAGE
ASSOCIATIONS		
ADDC Officers for 1960.....	Nov.	128
AUTOMATION		
Remote Control of a Gas-Oil Seperator Plant by James A. Conneran.....	Apr.	41
New Automation Tools for Oil Processing....	Ref.	92
Automated Production Platform, by S. S. Rossel, Jr.....	Nov.	59
AUTOMOTIVE		
The Free Piston Engine, by Donald H. Robson	June	1-220
A Guided Tour Through Holland Petroleum....	June	2-H-1-82
The Changing Auto Pattern--and Its Meaning to U.S. Refiners, by William C. Uhl.....	Nov.	72
AWARDS (News Items)		
Hanlon Award to Bill Lowe.....	June	1-252
Award of Merit to Schlumberger (Photo).....	Aug.	12
Wins ACS Award.....	Nov.	128
AIME Award to Uren.....	Dec.	90
CONSERVATION - (see Production)		
DEPLETION - (see MARKETING--Legislation)		
ENERGY SOURCES - (see MARKETING)		
EXPOSITIONS, ANNIVERSARIES, CELEBRATIONS (includes Conferences, Congresses & Exhibitions)		
30 Nations to Present Papers at World Petroleum Congress.....	Jan.	56
The 1951 Exposition--A Show Case of Progress.....	Feb.	43
Twelve Expositions Reveal 35-Year Oil-Equipment Progress.....	Feb.	43
Nomads to Entertain Overseas Visitors.....	Feb.	48
Homes to Supplement Hotels for Exposition Housing.....	Feb.	499
289 Papers Scheduled for Fifth World Petroleum Congress.....	Feb.	50
5th World Petroleum Congress Plans.....	Apr.	47
What Happened at Cairo, by Jean Jacques Berreby.....	June	1-8
Welcome to the Congress.....	June	1-57
Who's Who at the Fifth World Petroleum Congress.....	June	1-60
Golden Jubilee of BP.....?.....	June	1-78
100 Years of Oil Refining, by Harold S. Bell.....	June	1-84
One Hundred Years of Oil, by Neil F. Hurley, S.J. and Sebastian J. Paciti.....	June	1-176
101 Years of Canadian Oil.....	June	1-227
Colonel Drake on Fifth Avenue (Photo).....	Aug.	40
Forty Years of the API.....	Nov.	54
News Items		
Planning World Congress.....	May	116
60-Ft. Statue for Tulsa Show.....	May	127
5th Annual Convention PICAC.....	May	121
Early Congress Registration.....	June	1-246
Ladies Program at Congress.....	June	1-248
Decline to Attend Congress.....	June	1-252
Oil Recovery Symposium.....	Oct.	80
FINANCIAL		
The Public Interest in Oil Reserves (Editorial).....	Jan.	31
The UK--A Heavy-Oil Economy, by Cecil W. Wood.....	Jan.	35
Disaster on Platform "E", by James W. Calvert.....	Jan.	42
Venezuela's Dilemma(Editorial).....	Feb.	41
The High Cost of Whale Oil--and What it Led to, by Kendall Beaton.....	June	1-42
Oil is Not Everything, by Juan Pablo Perez Alfonso.....	July	36
Improvements in Directional Drilling Technology Reduce Footage Costs, by Linn H. Galeener.....	Aug.	50
Product Improvement Cuts Cracking Catalyst Costs.....	Oct.	54
Don't Apologize for Profits, by H.S.M. Burns.....	Nov.	53
A New Low Cost Treating Process, by K. M. Brown, W.K.T. Gleim and F. Urban.....	Nov.	86
Engineering and Research Reduces Oil's Capital Costs.....	Dec.	62
New Items		
Petroleum Refineries Plan to Spend $468 Million.....	Feb.	4
To Spend $1 Billion in 1959.....	May	124
Sunset International Merger.....	June	1-248
Higher Crude Replacement.....	June	1-252
Oil Firms Set Merger.....	Ref.	128
Sinclair Net to Rise.....	Ref.	132
Texaco Buys Hi-Energy.....	Aug.	76
Pandini Buys Long Shot Oil.....	Sept	130
Earnings up Again.....	Sept	126
Sinclair Buys Westland.....	Sept	198
$140 Billion for New Oil.....	Oct.	92
Signal Eastern States Merger.....	Nov.	114
Atlantic Net Up 28%.....	Dec.	12
Continental Net Up 22%.....	Dec.	808
Phillips Net Up 34%.....	Dec.	808
Jersey Standard Net Up 21%.....	Dec.	8
Sun Net Up 42%.....	Dec.	92
INVESTMENT - (see MARKETING)		
MAPS - (see EXPLORATION)		
MOTION PICTURES (News Item)		
Forcus Media Explored in New Film.....	Sept	130
OIL POLICY - (see MARKETING--Legislation)		
PATENTS - (see MARKETING; also REFINING)		
PETROLEUM ENGINEERING		
The Engineer and His Profession.....	June	2-G-82
POWER SOURCES - (see MARKETING)		
PRICES - (see MARKETING)		
RESEARCH & DEVELOPMENT		
289 Papers Scheduled for Fifth World Petroleum Congress.....	Feb.	50
Product Improvement Cuts Cracking Catalyst Costs.....	Oct.	54
Royal Dutch/Shell Since 1955.....	June	1-148
Shell Research in the United Kingdom.....	June	1-160
Review of the Petroleum Industry in Germany.	June	2-G-1-67
A Guided Tour Through Holland Petroleum.....	June	2-H-1-82
Expansion at Wakefield's Research Laboratories and Additives Plant, by G. H. Thornley.....	Ref.	62
Esso Opens New Laboratory at Abingdon Research Center.....	Aug.	77
How Luminosity Affects Jet Fuel Qualities...	Dec.	57
Engineering and Research Reduces Oil's Capital Costs.....	Dec.	62
Isocracking--Cal Research's New Process.....	Dec.	70
Research Center Studies Catalysis.....		
News Items		
Research Center Studies Catalysis.....	Apr.	90
Murphree on Research.....	May	124
Research in Geochemistry (Publication).....	June	1-248
Study World Line Pipe Demand.....	Ref.	4
Catalyst Research Labs.....	Ref.	128
Esso Develops New Lube.....	Oct.	94
Aramco Announces Trachoma Vaccine.....	Oct.	103
New Nuclear Lab.....	Dec.	808
RESERVES - (see PRODUCTION)		
SHALE OIL - (see PRODUCTION)		

	ISSUE	PAGE
TRAINING PROGRAMS		
289 Papers Scheduled for Fifth World Petroleum Congress	Feb.	50
UNITIZATION - (see PRODUCTION)		
EXPLORATION		
WORLD		
World Exploration Expands in 1959	Mar.	68
289 Papers Scheduled for Fifth World Petroleum Congress	Feb.	50
60 Years of Oil-Field Experience, by A. Beeby-Thompson	June	1-93
World Drilling Up 17%	Aug.	41
Features of Drilling Contracts Outside North America, by Th. J. Vrins	Aug.	46
World's Wildcats Reviewed (see geographic section for individual countries)	Sept	47
NORTH AMERICA		
Canada Expects 10% Rise in 1959 Domestic Crude Production, by Leslie O. Rowland	Jan.	53
North of the Prairies, by Hugh Harvey	Mar.	55
Our Petroleum & Natural Gas Future, by E. C. Babson	May	43
Canada's Exploration--1958, by C.A.S. Bulmer	May	58
Canadian Geophysical Work Drops 15.5% in 1958	May	78
Canada's Arctic Prospects, by David Bruce Bullock	May	100
Canada's Bright Future, by W.M.V. Ash	June	1-68
101 Years of Canadian Oil	June	1-227
Recent Developments in Drilling Equipment, by Lester C. Uren	Feb.	55
One Hundred Years of Oil, by Neil P. Hurley, S.J. and Sebastian J. Raciti	June	1-176
Improvements in Directional Drilling Technology Reduce Footage Costs, by Linn H. Calegner	Aug.	50
Same Day Service Speeds Well Data to Users	Nov.	108
News Items		
Alaska Contracts Signed	Oct.	5
Florida Offshore Well	Dec.	84
LATIN AMERICA		
Central American Review	Apr.	71
Future Outlook for Oil Production in Argentina, by Andres Rosicznik	Mar.	51
Venezuelan Exploration Slows	July	47
Table of Exploratory Wells in Venezuela in 1958	July	48
Venezuela's Aguasay Discovery	Sept	72
Oil's Struggle in Western Latin America, by Juan E. Rasmuss	Dec.	47
Doodlebugs in Colombia's Sky, by Fred L. Bernheimer and Jill C. Brown	Dec.	52
EUROPE		
Review of Austria's Petroleum Industry	June	2-A-1-36
The Molasse Zone of Austria, by Dr. R. Janoschek	Sept	94
Italy--A Resume of Exploration and Production	Mar.	62
Petroleum Technology in the USSR, by Ivan S. Sahnikov	Apr.	43
Royal Dutch/Shell Since 1955	June	1-149
Review of the French Petroleum Industry	June	2-F-1-60
A Guided Tour Through Holland Petroleum	June	2-H-1-82
Turbodrilling Progress and New Drilling Methods in USSR, by Messrs. Ioannesyan, Gusman, Minin, Bulakh, Tagiev, Titkov, Trebin, and Ostrovsky	Aug.	42
Sino-Soviet p		
Sino-Soviet Plans for Oil and Gas. What Chance for Success?, by Alexander Gakner	Sept	60
AFRICA		
Geophysical Exploration Problems in Libya, by Frederick L. Schenck	Mar.	42
Six Years of Exploration in the Sahara, by Andre Charon	Sept	42
"Big Oil" Found in Libya	Oct.	58
FAR EAST		
Sino-Soviet Plans for Oil and Gas. What Chance for Success?, by Alexander Gakner	Sept	60
Ten Years' of Red China Oil, by Dr. George G. Rosu	Nov.	94
GEOPHYSICAL TOOLS		
New Tools for the Geophysicist	Mar.	78
Economical Magnetic Tape Processing	Mar.	79
Siran for Trap Studies	Mar.	83
Cimbaled Cable Geophone	Mar.	83
Transistorized Seismic Amplifier System	Mar.	83
Sinclair Dip Plotter	Mar.	86
Field Stereoscope	Mar.	86
Field Office Playback	Mar.	86
Omnitape Accessories	Mar.	88
Seismod	Mar.	88
Enlarge Line of Gravity Meters	Mar.	88
Rapid Reconnaissance	Mar.	88
Portable Radiolocation System	Mar.	88
Three New SIE Systems	Mar.	88
Seismic Surveying by Helicopter	Mar.	90
Auto-Seis Geophones	Mar.	92
Recording Oscilligraph	Mar.	92
Cycle Refraction Detector	Mar.	92
Amplifier System	Mar.	92
Blaster Handles 1-50 Charges	Mar.	94
Sonoprobe Improvements	Mar.	94
Seismic-Data Reduction System	Mar.	94
Portable Geopac	Mar.	94
Infrasonic Amplifier	Mar.	94
Multi-Curve Vs Acoustic Log	Mar.	94
MAPS		
Shale-Oil Activities, by Russell Cameron and Robert E. Gustafson	Mar.	66
Canada's 1958--Year of Contrasts, by E. C. Sievwright	May	45
Canada's Exploration--1958, by C.A.S. Bulmer	May	58
Canada's Arctic Prospects, by David Bruce Bullock	May	100
Central American Review	Apr.	71
Petroleum Technology in the USSR, by Ivan S. Salnikov	Apr.	43
Review of Austria's Petroleum Industry	June	2-A-1-36
Review of the French Petroleum Industry	June	2-F-1-60
Transport of Mineral Oil in Germany	June	2-G-258
A Guided Tour Through Holland Petroleum	June	2-H-1-82
World Largest Submarine Gas Line Boosts Lake Maracaibo Conservation, by R. B. Leathers	July	44
Venezuelan Exploration Slows	July	50&55
Six Years of Exploration in the Sahara, by Andre Charon	Sept	42&45
World Oil Demand to Exceed 20 Million Barrels Daily in 1959	Sept	51
Venezuela's Aguasay Discovery	Sept	79
The Molasse Zone of Austria, by Dr. R. Janoschek	Sept	94
Saharan Pipeline Completed, by R. Martin	Oct.	47
"Big Oil" Found in Libya	Oct.	58
News Items		
Italo-Swiss PL and Refinery	May	106
SPS Senegal Operations	May	108
DRILLING		
Marine & Offshore Drilling		
Disaster on Platform "E", by James W. Calvert	Jan.	42
Maracaibo Disaster of 1937 (Photo Story)	June	1-230
A Guided Tour Through Holland Petroleum	June	2-H-1-82
News Items		
CATC New Offshore Field	Feb.	95
Floating Drill Platform	Mar.	114
First Offshore Well in Florida	Oct.	94
Drilling Practices		
289 Papers Scheduled for Fifth World Petroleum Congress	Feb.	50
Recent Developments in Drilling Equipment, by Lester C. Uren	Feb.	55
Review of Austria's Petroleum Industry	June	2-A-1-36
Review of the French Petroleum Industry	June	2-F-1-60
Review of the Petroleum Industry in Germany	June	2-G-1-67
Italian Petroleum Industry	June	2-I-1-32
Turbodrilling Progress and New Drilling Methods in the USSR, by Messrs. Ioannesyan, Gusman, Minin, Bulakh, Tagiev, Titkov, Trebin and Ostrovsky	Aug.	42
Improvements in Directional Drilling Technology Reduce Footage Costs, by Linn H. Calegner	Aug.	50
Automatic Drilling Weight Control, by James C. Melton	Aug.	64
Automated Production Platform, by S. S. Rosel, Jr.	Nov.	59
Mobil Rigs Lick Libyan Desert Drilling Problems	Dec.	60
News Items		
Fracture Simplifies Operation	Ref.	132
Smallest Turbocharger Announced	Aug.	78
Oil Equipment Exports	Sept	6
PRODUCTION		
WORLD		
World Crude Production Tops 18 Million Barrels Daily	Jan.	32
The Job Ahead, by Austin Cadle	Jan.	38
289 Papers Scheduled for Fifth World Petroleum Congress	Feb.	50
World Petroleum Market Trends, by D. Spriggs	Feb.	54
60 Years of Oil-Field Experience, by A. Beeby-Thompson	June	1-93
World Crude Production Rises 6% (Table by Country of Crude Production for 1959)	July	72
World Oil Demand to Exceed 20 Million Barrels Daily in 1959	Sept	50

(Cont'd on page 5)

	ISSUE	PAGE
World Crude Production Declines in Third Quarter of '59 (Table by Country)	Oct.	82
A Reappraisal Needed, by Harley C. Stevens	Nov.	57
U.S. Depletion Vs. International Production, by Dillard Spriggs and John Lichtblau	Dec.	64
World Petroleum Statistics	Dec.	68
NORTH AMERICA		
Canada Expects 10% Rise in 1959 Domestic Crude Production, by Leslie C. Rowland	Jan.	53
Our Petroleum & Natural Gas Future, by E. C. Babson	May	43
Canada's 1958—Year of Contrasts, by E. C. Sievwright	May	45
Natural Gas—Canada's Prodigal, by Floyd K. Beach	May	51
Canada's Exploration—1958, by C.A.S. Bulmer	May	58
The Public Interest in Oil Reserves (Editorial)	Jan.	31
Recent Developments in Drilling Equipment, by Lester C. Uren	Feb.	55
Shale-Oil Activities, by Russell Cameron & Robert E. Gustafson	Mar.	66
In Defense of Depletion (Editorial)	Apr.	35
Canada's Bright Future, by W.M.V. Ash	June	1-68
101 Years of Canadian Oil	June	1-227
Change and Growth, by Frank M. Porter	June	1-58
Natural Gasoline—Prime Contributor to Conservation, by Charles E. Webber	June	1-104
One Hundred Years of Oil, by Neil P. Hurley, S.J. and Sebastian J. Raciti	June	1-176
Sound Conservation Policy Needed (Editorial)	Aug.	39
Borden Report Draws Fire in Canada	Oct.	40
Can Canada Meet Borden's Challenge, by Leslie O. Rowland	Nov.	71
News Items		
Alaskan Naval Reserves	Jan.	4
USA 1958 Demand	Jan.	22
Indiana Secondary Recovery, Book by ICOC	Jan.	72
Improving Oil Recovery (Compiled Lectures)	Jan.	72
Gas-Tax Fight	Feb.	41
Oil-Shale Publication (Bureau of Mines)	Feb.	95
Radioactive Reserves Increased	Feb.	95
Naval Reserve Disposal	Mar.	6
New Gas Bill Unlikely	Apr.	5
Automatic Gas Products Plant	Apr.	64
Trillion Barrels USA Reserves	May	6
Depletion Attack Stalled	May	6
Secondary Recovery Process	May	125
Depletion Attacks Continue	Aug.	4
Conservation Investigation continues	Sept	4
Offers Recovery Process	Sept	126
USA Production Up 9.3% in '59	June	1-242
Higher Crude Replacement	June	1-252
Washington Views on Borden	Nov.	4
FPC Threatens Depletion	Dec.	4
LATIN AMERICA		
Venezuela's Dilemma (Editorial)	Feb.	41
Future Outlook for Oil Production in Argentina, by Andres Rosloznik	Mar.	51
Central American Review	Apr.	71
World's Largest Submarine Gas Line Boosts Lake Maracaibo Conservation, by R. B. Leathers	July	44
Venezuela's Problem (Editorial)	Sept	41
Venezuela's Aguasay Discovery	Sept	72
Oil's Struggle in Western Latin America, by Juan E. Rasmuss	Dec.	47
EUROPE		
The UK—A Heavy-Oil Economy, by Cecil W. Wood	Jan.	35
Italy—A Resume of Exploration and Production	Mar.	62
Petroleum Technology in the USSR, by Ivan S. Salnikov	Apr.	43
Royal Dutch/Shell Since 1955	June	1-148
Review of Austria's Petroleum Industry	June	2-A-1-36
Review of the French Petroleum Industry	June	2-F-1-60
Review of the Petroleum Industry in Germany.	June	2-G-1-67
A Guided Tour Through Holland Petroleum	June	2-H-1-82
Italian Petroleum Industry	June	2-I-1-32
Sino-Soviet Plans for Oil and Gas. What Chance for Success? by Alexander Gakner	Sept	60
MIDDLE EAST		
Remote Control of a Gas-Oil Separator Plant, by James A. Conneran	Apr.	41
FAR EAST		
Sino-Soviet Plans for Oil and Gas. What Chance for Success?, by Alexander Gakner	Sept	60
Ten Years' of Red China Oil, by Dr. George G. Rosu	Nov.	94
REFINING		
REFINERY CONSTRUCTION		
WORLD		
The Job Ahead, by Austin Cadle	Jan.	38
Sharp Rise in Eastern Hemisphere Refining Capacity Forecast (Table of World Refineries, Annual Summary)	Ref.	51
World Petroleum Statistics	Dec.	68
Canada's 1958—Year of Contrasts, by E. C. Sievwright	May	45
Major Canadian Refining Additions Under Way.	May	52
100 Years of Oil Refining, by Harold S. Bell	June	1-84
One Hundred Years of Oil, by Neil P. Hurley, S.J. and Sebastian J. Raciti	June	1-176
News Items		
Petroleum Refineries Plan to Spend $468 Million	Feb.	4
New SC Ind. Alkylate Plant	May	122
Sohio's Acrylonitrile Plant	June	1-246
Expands Tulsa Refinery	July	77
Refinery Construction Up 8%	Ref.	4
Sun-Olin Mathieson Urea Plant	Ref.	120
World's Largest Pipe Still	Ref.	122
Atlantic Wax Plant Completed	Ref.	128
Solvent Dewaxing Plant	Aug.	68
Gulf Benzene Plant on Stream	Aug.	68
Humble Expands Lube Facilities	Dec.	80B
Husky Refinery Expansion	Dec.	90
LATIN AMERICA		
South America's Refining Outlook Bright	Dec.	40
EUROPE		
Oil's Contribution to the British Economy, by C. M. Vignoles	June	1-70
Royal Dutch/Shell Since 1955	June	1-148
A Guided Tour Through Holland Petroleum	June	2-H-1-82
Review of Austria's Petroleum Industry	June	2-A-1-36
Review of Belgium's Role in Petroleum Industry	June	2-B-1-31
Review of the French Petroleum Industry	June	2-F-1-60
Review of the Petroleum Industry in Germany.	June	2-G-1-67
Building Crude Oil and Petrochemical Plants—Designer and Supplier	June	2-G-86
Italian Petroleum Industry	June	2-I-1-32
UK Refinery Capacity Now 41.5 Million Tons A Year, by Cecil W. Wood	Ref.	52
New "Grass Roots" Refinery Adds 31,500 Barrels to French Capacity, by V. Severs	Ref.	56
Greek Government Refinery in Full Operation, by J. E. Bogk and Dr. Morgan C. Sze	Ref.	69
Ireland's First Refinery Follows "Hydro-Skimming" Plan	Ref.	84
Growth of Italian Refining, by R. Pessoli	Ref.	136
Royal Dutch/Shell Contributions to UK Refinery Developments	Aug.	62
Sino-Soviet Plans for Oil and Gas. What Chance of Success?, by Alexander Gakner	Sept	60
FAR EAST		
Sino-Soviet Plans for Oil and Gas. What Chance of Success?, by Alexander Gakner	Sept	60
Ten Years' of Red China Oil, by Dr. George Rosu	Nov.	94
REFINING PROCESSES AND EQUIPMENT		
WORLD		
289 Papers Scheduled for Fifth World Petroleum Congress	Feb.	50
World's Largest Peroxide Fuel Plant	Feb.	51
NORTH AMERICA		
Major Canadian Refining Additions Under Way	May	52
Petrochemical Horizons for Propylene Part IV Nonene, Dodecene, and Oxo Derivatives, by Peter W. Sherwood	Jan.	59
Review of Recent USA Patents on Acrylonitrile, by Heinz Heinemann and Harold Shalit	Jan.	64
The Molex Process—Refining Advance by UOP, by D. B. Broughton and D. B. Carson	Apr.	50
Petrochemical Horizons for Propylene, Part V Propylene-Derived Detergents—Polypropylene by Peter W. Sherwood	Mar.	98
100 Years of Oil Refining, by Harold S. Bell	June	1-84
Four Decades of Petrochemicals, by Peter W. Sherwood	June	1-164
New USA Patents on Catalysts in the Petroleum Industry, by Heinz Heinemann and P. A. Lefrancois	July	60
New Automation Tools for Oil Processing	Ref.	92
Annual Review of USA Patents on Petroleum Refining and Processing, by Heinz Heinemann and P. A. Lefrancois	Ref.	78
Process Master Analog Computer	Ref.	92
Portable Process Recorder	Ref.	92
Moisture Monitors	Ref.	92
Viscomparator	Ref.	92
Automatic Colorimetric Analysis	Ref.	92
Automatic Heavy Oil Blending	Ref.	92
Digital Control Computer	Ref.	94
Multi-Purpose Turbo-Meter	Ref.	94
Computer-Load Control System	Ref.	94
Analog Computer	Ref.	94

(continued page 6)

	ISSUE	PAGE
Digital Control Computer	Ref.	94
High Temperature Chromotograph	Ref.	94
Tubeless Electronic Control	Ref.	96
End Point Analyzer	Ref.	96
Digital Transducer	Ref.	96
Force-Balance System	Ref.	96
Line Pneumatic Transmitter	Ref.	124
Petrochemical Raw Materials for Nylon Resins Part I, by Peter W. Sherwood	Ref.	59
Review of Recent USA Patents on Oxe, by Heins Heinemann and Harold Shalit	Sept	84
Petrochemical Raw Materials for Nylon Resins Part II, by Peter W. Sherood	Sept	55
Product Improvement Cuts Cracking Catalyst Costs	Oct.	54
A New Low Cost Treating Process, by K. M. Brown, W.K.T. Gleim and P. Urban	Nov.	86
Today's Petrochemical Methods for Sulfur Recovery, by Peter W. Sherwood	Nov.	100
Isocracking--Cal Research's New Process	Dec.	70
News Items		
Petreco Stainless-Steel Unit	Feb.	97
Refinery Gas Turbine Drives	May	128
Fully Automatic Refining	June	1-252
New Tel Processes (Ethyl Corp.)	Ref.	122
Catalyst Research Labs	Ref.	128
Spherical Kaolin Catalyst	Ref.	132
LATIN AMERICA		
Central American Review	Apr.	71
Venezuela's Crude Supplies Wax	July	66
South America's Refining Outlook Bright	Dec.	40
EUROPE		
Shell's Contribution to the UK Petroleum Chemical Industry	June	1-114
Review of Austria's Petroleum Industry	June	2-A-1-36
Review of Belgiums Role in Petroleum Industry	June	2-B-1-31
Review of the French Petroleum Industry	June	2-F-1-60
Review of the Petroleum Industry in Germany.	June	2-G-1-67
Building Crude Oil and Petrochemical Plants-Designer and Supplier	June	2-G-86
A Guided Tour Through Holland Petroleum	June	2-H-1-82
Italian Petroleum Industry	June	2-I-1-32
New "Grass Roots" Refinery Adds 31,500 Barrels to French Capacity, by V. Severs	Ref.	56
UK Refinery Capacity Now 41.5 Million Tons A Year, by Cecil W. Wood	Ref.	52
Esso's New UK Petrochemical Plant	Ref.	64
Greek Government Refinerny in Full Operation by J. E. Bogk and Dr. Morgan C. Sze	Ref.	69
UK Petrochemical Output Rises 165% in Five Years	Ref.	71
Ireland's First Refinery Follows "Hydro-Skimming" Plan	Ref.	84
Growth of Italian Refining, by F. Pezzoli	Ref.	126
Mobil Oil Company's New LPGas Recovery Unit by James McG. R. Clemie	Aug.	54
Royal Dutch/Shell Contributions to UK Refinery Developments	Aug.	62
Shell Haven Fertilizer Plant Manufacturers Amonia from Fuel Oil	Sept	68
Pisons' New Nitrogen Plant, by B.H.J. Bell	Sept	80
Synthesis Gas Plant at Ijmuiden, by A. F. van Amstel	Dec.	50
MARKETING		
WORLD		
World Petroleum Market Trends, by D. Spriggs	Feb.	54
World Oil Demadn to Exceed 20 Million Barrels Daily in 1959	Sept	50
World Petroleum Statistics	Dec.	68
NORTH AMERICA		
Canada's Bright Future, by W.M.V. Ash	June	1-68
Natural Gasoline--Prime Contributor to Conservation, by Charles S. Webber	June	1-104
Marketing--From Coal Oil to the Petroleum Molecule, by V. B. Guthrie	June	1-134
One Hundred Years of Oil, by Neil P. Hurley, S.J. and Sebastian J. Raciti	June	1-176
An Irresponsible Attack	Oct.	39
Shrinking Margins Spark Major Reorganizations	Nov.	64
The Changing Auto Pattern and Its Meaning to U.S. Refiners, by William C. Uhl	Nov.	72
How to Improve Degree Day Forecasting, by Lyle E. Broache	Nov.	110
News Items		
New International Marketer	Feb.	94
Washington Pipeline	June	1-6
USA Energy Demand Forecast	June	1-242
$140 Billion for New Oil	Oct.	92
Jersey Standard Consolidates	Oct.	94
Socony Reorganizes	Oct.	96
Realistic Policy Needed	Oct.	97
Gasoline Taxes to Rise	Dec.	4
Oil Emergency Plans Set	Dec.	92

	ISSUE	PAGE
LATIN AMERICA		
Venezuela's Dilemma (Editorial)	Feb.	41
Central American Review	Apr.	71
Tables Showing Trends in Motor Fuels. Vehicles and Highways in S. A. Countries	Dec.	42
EUROPE		
Oil's Contribution to the British Economy, by C. M. Vignoles	June	1-70
Royal Dutch/Shell Since 1955	June	1-148
Trends of Oil Economics and Their Influence on the European Energy Market, by Lucio Corradini	June	2-E-5
Review of Belgiums Role in Petroleum Industry	June	2-B-1-31
The Integration of Crude in the Life of Mankind	June	2-G-73
Liquid Energy Soureas	June	2-G-77
A Guided Tour Through Holland Petroleum	June	2-H-1-82
Italian Petroleum Industry	June	2-I-1-32
Sino-Soviet Plans for Oil and Gas. What Chance for Success?, by Alexander Gakner	Sept	60
MIDDLE EAST		
Pressure for Change in Middle East Oil Arrangements, by Dillard Spriggs	Apr.	37
FAR EAST		
Sino-Soviet Plans for Oil and Gas. What Chance of Success?, by Alexander Gakner	Sept	60
EXPORTS AND IMPORTS		
WORLD		
World Petroleum Market Trends, by D. Spriggs	Feb.	54
International Trade Stimulation (Editorial).	Mar.	41
NORTH AMERICA		
Canada Expects 10% Rise in 1959 Domestic Crude Production, by Leslie C. Rowland	Jan.	53
Natural Gas--Canada's Prodigal, by Floyd K. Beach	May	51
Sulfur May Move by Foothills Pipeline, by David Wood	May	80
News Items		
Import Program Changes	Jan.	4
Committee to Review Imports	Apr.	4
Imports Vs Price Rise	Apr.	5
Will the Import Program Last?	May	4
Price Control From Import Control	May	5
To Test Legality	June	1-6
Impact of Import Control	June	1-248
Sun for Tariffs	June	1-252
Rules on Import Controls	Ref.	4
What's An Import Quota Worth?	Ref.	4
Rejects Export Licenses	Ref.	4
What Price Oil Imports	Ref.	4
Import Quotas Higher	Aug.	5
Import Curbs Confiscatory	Aug.	74
Canadian Import Exemption Urged	Sept	4
Import Quotas Unused	Sept	4
Appeals on Oil Quotas	Sept	4
FPC Scolds Trans Canada	Sept	4
Trans Canada Has 16 Year Gas Supply	Sept	6
Oil Equipment Exports	Sept	6
Fight for Canadian Gas	Sept	6
Oil Import Program Smooth	Nov.	4
LATIN AMERICA		
Venezuelan Exports Decline (Table of Venezuelan Exports by Country)	July	70
EUROPE		
The UK--A Heavy-Oil Economy, by Cecil W. Wood	Jan.	35
LEGISLATION		
WORLD		
International Trade Stimulation (Editorial)	Mar.	41
Features of Drilling Contracts Outside North America, by Th. J. Vrins	Aug.	46
Our Petroleum & Natural Gas Future, by E. C. Babson	May	43
Canada's Oil Laws Reviewed, by D. H. Lewis	May	66
The Public Interest in Oil Reserves (Editorial)	Jan.	31
In Defense of Depletion	Apr.	35
An Irresponsible Attack (Editorial)	Oct.	39
We Are Partners in This (Editorial)	Dec.	39
U.S. Depletion Vs. International Production, by Dillard Spriggs and John Lichtblau	Dec.	64
News Items		
Import Program Changes	Jan.	4
What's Up for Oil in '59	Jan.	4
Naval Reserve Disposal	Mar.	6
Protest Gas-Tax Rise	Mar.	6
Another Gas-Bill Setback	Mar.	6
Committee Favors Depletion	Mar.	4
Control of Imports and Exports	Mar.	4
Depletion Vicissitudes	Feb.	4
Petroleum Council Changes	Feb.	4
Gas-Tax Fight	Feb.	4

(Cont'd on page 7)

	ISSUE	PAGE
Against Canadian Import Curbs	Feb.	6
Committee to Review Imports	Apr.	4
Imports Vs. Price Rise	Apr.	5
New Gas Bill Unlikely	Apr.	5
Price Rise If Depletion Cut	Apr.	5
Will the Import Program Last?	May	4
Price Control from Import Control	May	5
Depletion Attack Stalled	May	6
Washington Pipeline	June	1-6
Interstate Compact Extended	July	4
Oil in Peace and War	July	73
What of Future Imports?	July	4
Imports Ceiling Eased	July	73
Rules on Import Controls	Ref.	4
What's An Import Quota Worth?	Ref.	4
Rejects Export Licenses	Ref.	4
What Price Oil Imports?	Ref.	4
FPC Vs Gas	Ref.	6
International Depletion	Aug.	5
Depletion Attacks Continue	Aug.	5
Import Quotas Higher	Aug.	5
Bryan Ruling on Tankers	Aug.	70
Import Curbs Confiscatory	Aug.	74
Canadian Import Exemption Urged	Sept	4
Import Quotas Unused	Sept	4
FPC Scolds Trans Canada	Sept	4
Conservation Investigation Continues	Sept	4
Appeals on Oil Quotas	Sept	4
Gasoline Tax Defeated	Sept	4
Congress and the Oil Industry	Oct.	5
Seek Tanker Legislation	Oct.	92
Treasury Finds No Oil Dumping	Oct.	92
Oil Import Program Smooth	Nov.	4
Gasoline Taxes to Rise	Dec.	4
FPC Threatens Depletion	Dec.	4
Warren Warns on Taxes	Dec.	90
LATIN AMERICA		
Venezuela's Dilemma (Editorial)	Feb.	41
Central American Review	Apr.	71
President Betnaccurt Speaks on Venezuela's Oil Policy (Editorial)	July	35
Oil is Not Everyt ing, by Juan Pablo Perez Alfonso	July	36
New Income Tax Law Breaks the "50-50" (Venezuela), by Thomas E. Delate	July	58
Trinidad Looks Up	Dec.	44
MIDDLE EAST		
Pressure for Change in Middle East Oil Arrangements, by Dillar Spriggs	Apr.	37
INVESTMENT		
WORLD		
The Job Ahead, by Austin Cadle	Jan.	38
MIDDLE EAST		
Pressure for Change in Middle East Oil Arrangements, by Dillard Spriggs	Apr.	37
PATENTS		
NORTH AMERICA		
Review of Recent USA Patents on Acrylonitrile, by Heinz Heinemann and Harold Shalit	Jan.	64
New USA Patents on Catalysts in the Petroleum Industry, by Heinz Heinemann and P. A. Lefrancois	July	60
Annual Review of USA Patents on Petroleum Refining and Processing, by Heinz Heinemann and P. A. Lefrancois	Ref.	78
Review of Recent USA Patents on Oxo, by Heinz Heinemann and Harold Shalit	Sept	84
PETROCHEMICALS		
NORTH AMERICA		
Petrochemicals Pass Half-Billion Mark	May	70
Review of Recent USA Patents on Acrylonitrile, by Heinz Heinemann and Harold Shalit	Jan.	64
Petrochemical Horizons for Propylene, Part IV: Nonene, Dodecene and Oxo Derivatives (Cont'd), by Peter W. Sherwood	Jan.	59
Petrochemical Horizons for Propylene, Part V Proplene-Derived Detergents--Polypropylene, by Peter W. Sherwood	Mar.	98
Marketing--from Coal Oil to the Petroleum Molecule, by V. B. Guthrie	June	1-134
Four Decades of Petrochemicals, by Peter W. Sherwood	June	1-164
Petrochemical Raw Material for Nylon Resins: Part I, by Peter W. Sherwood	Sep.	59
Petrochemical Raw Material for Nylon Resins: Part II, by Peter W. Sherwood	Sept	55
Today's Petrochemical Methods for Sulfur Recovery, by Peter W. Sherwood	Nov.	100
News Items		
Richfield Petrochemical Division	Jan.	72
Sohio's Acrylonitrile Plant	June	1-246
EUROPE		
Shell's Contribution to the UK Petroleum Chemical Industry	June	1-114
Review of Belgiums Role in Petroleum Industry	June	2-B-1-31
Review of the French Petroleum Industry	June	2-F-1-60
Review of the Petroleum Industry in Germany	June	2-G-1-67
Building Crude Oil and Petrochemical Plants-Designer and Supplier	June	2-G-86
Esso's New UK Petrochemical Plant	Ref.	64
UK Petrochemical Output Rises 165% in Five Years	Ref.	71
Shell Haven Fertilizer Plant Manufacturers Amonia from Fuel Oil	Sept	68
Fisons' New Nitrogen Plant, by B.H.J. Bell	Sept	80
PRICES (News Items) (See also LEGISLATION)		
Imports Vs. Price Rise	Apr.	5
Price Rise if Depletion Cut	Apr.	5
Price Control from Import Control	May	5
PRODUCTS		
WORLD		
The Job Ahead, by Austin Cadle	Jan.	38
289 Papers Scheduled for Fifth World Petroleum Congress	Feb.	50
NORTH AMERICA		
The High Cost of Whale Oil--and What It Lead To, by Kendall Beaton	June	1-62
Natural Gasoline--Prime Contributor to Conservation, by Charles E. Webber	June	1-104
The Free Piston Engine, by Donald H. Robson	June	1-220
News Items		
Synthetic Detergents Gain	Ref.	132
Follis Predicts Demand Up in 1959	Ref.	132
USA Demand Slowed	July	77
Esso Develops New Lube	Oct.	94
Jet Fuel Advance	Nov.	114
How luminosity Affects Jet Fuel Qualities	Dec.	57
LATIN AMERICA		
Venezuela's Crude Supplies Wax	July	66
EUROPE		
Mobil Oil Company's New LPGas Recovery Unit, by James McG. P. Clemie	Aug.	54
A Final Safeguard Against Aircraft Fuel Contamination, by Cecil V. Wood	Sept.	52
SUBSTITUTE FUELS (Atomic Energy)		
The Job Ahead, by Austin Cadle	Jan.	38
289 Papers Scheduled for Fifth World Petroleum Congress	Feb.	50
Petroleum at the Beginning of the Atomic Age	June	2-G-81
News Item		
New Nuclear Lab	Dec.	80B
TRANSPORTATION		
WORLD		
289 Papers Scheduled for Fifth World Petroleum Congress	Feb.	50
World Tanker Fleet: 1959 to 1963	Oct.	42
NORTH AMERICA		
One Hundred Years of Oil, by Neil P. Hurley and Sebastian J. Baciti	June	1-176
LATIN AMERICA		
Central American Review	Apr.	71
EUROPE		
Royal Dutch/Shell Since 1955	June	1-148
Sino-Soviet Plans for Oil and Gas. What Chance of Success?, by Alexander Gakner	Sept.	60
ASIA		
Sino-Soviet Plans for Oil and Gas. What Chance of Success?, by Alexander Gakner	Sept.	60
PIPELINES		
NORTH AMERICA		
Canada Expects 10% Rise in 1959 Domestic Crude Production, by Leslie Orr. Rowland	Jan.	53
Sulfur May Move by Foothills Pipeline, by Lewis Wood	May	80
Oil Pipeline Traffic Drops	May	74
Natural Gas--Canada's Prodigal, by Floyd K. Beach	May	51
Canada's 1958--Year of Contrasts, by E. C. Sievwright	May	45
Oil's Secret, by S. S. Smith	June	1-74
Borden Report Draws Fire In Canada	Oct.	40
News Items		
1,500 Miles of New Pipeline	Mar.	114
Pipeline Compressor Cylinder	Mar.	116
Pipeline Valves	Apr.	90
Big Inch Pipe Exports	Mar.	6
Pipeline Control	Feb.	95
High Speed Pipe X-Ray	Aug.	79
FPC Vs Gas	Ref.	4
Light for Canadian Gas	Oct.	6
$200 Million Gas Line	Dec.	92
Alaskan Pipeline Plans	Dec.	92
Jets for Gas Pipelines	Dec.	4
LATIN AMERICA		
World's Larges Submarine Gas line Boosts		

(Cont'd on page 8)

	ISSUE	PAGE
Lake Maracaibo Conservation, by R. B. Leathers	July	44
EUROPE		
Review of the French Petroleum Industry	June	2-F-1-60
Transport of Mineral Oil in Germany	June	2-G-258
A Guided Tour Through Holland Petroleum	June	2-H-1-82
FAR EAST		
Ten Years' of Red China Oil, by Dr. George Rosu	Nov.	94
TANKERS AND TERMINALS		
WORLD		
World Tanker Fleet: 1959 to 1963	Oct.	42
New Power for the World? "Methane Pioneer" Arrives in UK, by Cecil W. Wood	Apr.	60
NORTH AMERICA		
The Tanker Corrosion Problem	Oct.	50
News Items		
Marine Safety Device	Feb.	95
"Alton Jones" Launched	May	123
Ethyl-Fluid Delivery	May	124
Urge More Tanker Construction	Ref.	4
Bryan Ruling on Tankers	Aug.	70
Seek Tanker Legislation	Oct.	92
Methane Tanker Licensed	Oct.	94
LATIN AMERICA		
Make-Believe Makes Money--Monte Carlo Marine Terminal Model, by Robert W. Leach	July	40
EUROPE		
Review of Belgiums Role in Petroleum Industry	June	2-B-1-31
Transport of Mineral Oil in Germany,	June	2-G-258
A Guided Tour Through Holland Petroleum	June	2-H-1-82
The UK--A Heavy-Oil Economy, by Cecil W. Wood	Jan.	35
World's First Gas Turbine Tanker	Oct.	52
Thames Haven Expanding Largest European Oil Storage Depot	Oct.	78
MIDDLE EAST		
Suez Canal Traffic at Record High, by John Lichtblau	Apr.	40
Kuwait Oil Company's North Pier Project	June	1-156
AFRICA		
Saharan Pipeline Completed by R. Martin	Oct.	47
AUTOMOTIVE		
Review of the French Petroleum Industry	June	2-F-1-60
RAILROAD		
Transport of Mineral Oil in Germany	June	2-G-258
EQUIPMENT SUPPLIERS: OIL FIELD SERVICES		
The Federat on of Petroleum Equipment Manufacturers, by J. F. Le Gall	June	2-E-2
Review of the Frech		
Review of the French Petroleum Industry	June	2-F-1-60
Building Crude Oil and Petrochemical Plants-Designer and Supplier	June	2-G-86
A Guided Tour Through Holland Petroleum	June	2-H-1-82
News Items		
R. A. Dyson & Co. Ltd. Drilling Mast Bogie	Jan.	8
New SEC Officers	Jan.	22
British Petrochemicals	Jan.	22
DuPont Technology	Jan.	72
M.J. Crose Mfg. Pipeline Construction Equip.	Jan.	22
Barry & Richardson	Jan.	73
Dallas Tank-Trinity Steel	Jan.	73
White Motor Staff Changes	Jan.	73
White Diesel Catalog	Jan.	73
Buckeye-CBIC Merger	Jan.	73
Blaw-Knox Overseas	Jan.	73
Clark-Turbine Booklet	Jan.	73
Axelsons' Hydraulic Dual Operation	Jan.	73
BJ Service President (J.B. Merritt)	Jan.	73
Byron Jackson Elections	Jan.	73
Haroid Changes	Jan.	73
Hughes Engineering Unit	Jan.	73
Lee C. Moore Portable Drilling Rig (Photo)	Jan.	73
Milwhite Adds New Adsorber Line	Jan.	73
Norway's Refinery Storage (Graver Tank)	Jan.	73
Welex Appointments	Jan.	73
Milwhite Builds in Houston	Jan.	73
Mid-Continent Supply Promotions	Jan.	73
Hurley Joins Welex	Jan.	73
Hall for International Harvester	Jan.	73
Halliburton Subsidiary	Feb.	8
Cameron Expands Manufacturing Facilities	Feb.	72
Dresser Italian Affiliate	Feb.	94
Turbo-Fuel Quality Control	Feb.	94
Foreign Trade Center	Feb.	95
Ryder Scott Management	Feb.	95
Magcobar European Appointment	Feb.	96
Beaird Names Tullis	Feb.	96
Engineer Visits Crose (Serge Sylvian)	Feb.	96
Dresser Foreign Operations VP	Feb.	96
Joins Swiss Firm	Feb.	96
General Electric Closed-Circuit TV Cameras	Feb.	96
Harrisburg Inc. Resilient Sealing Valve	Feb.	96
Roots Connersville Appointment	Feb.	97
Top Changes at Stone & Webster	Feb.	97
Reed Roller Bit Appointments	Feb.	97
Petreco Stainless-Steel Unit	Feb.	97
Missions Mfg. Co. Interchangeable Mandrel	Feb.	97
Schlumberger Appointments	Feb.	97
Stewart & Stevenson Services Ground Service	Feb.	97
Buys Bowen Stores	Feb.	97
Bradford Supply Moves	Feb.	97
International Harvester Double-Reduction	Feb.	97
Stewart & Stevenson's Portable Power Plants	Feb.	97
Tank-Capacity Slide Rule, Hammond Iron Works	Mar.	6
Firestone Tire & Rubber Co. Plant Planned	Mar.	114
Magnet Cove Barium Drilling Mud History	Mar.	115
Upton New Executive VP of TRECO	Mar.	115
McCollum-Ray	Mar.	115
New DuFont Additive	Mar.	115
Halliburton Lab Manager	Mar.	116
Clark Bros. Pipeline Compressor Cylinder	Mar.	116
Cummins Diesel International	Mar.	116
Hawkins for Ideco	Mar.	116
International Harvester Units	Mar.	116
Ambro Joins HOMCO	Mar.	116
Treco No. 2 Man	Mar.	116
Borg-Warner Executives	Mar.	116
Harvie Promoted by Willys	Mar.	116
Bailey Joins J. B. Beaird	Mar.	117
Joins Drilexo	Mar.	117
Aero Design Appointments	Mar.	117
Roots-Connersville at Houston	Mar.	117
Seiscor Mfg. Formed	Mar.	117
Texas Instruments VP	Mar.	117
Solvay Process Changes	Mar.	117
Completes Three Foreign Jobs	Mar.	117
McCullough Tool Appoints	Mar.	117
Radioactive Fuel Tests	Apr.	64
Heads Hughes Research	Apr.	86
Heavy-End Aluminum Pipe	Apr.	86
Crove Valve Transfers	Apr.	86
Mobile Drilling Platform (Photo)	Apr.	86
Well Servicing Outlook	Apr.	90
Research Center Studies Catalysis	Apr.	90
Westinghouse Far East Director	Apr.	90
Pipeline Valves (Crove Valve & Reg.)	Apr.	90
Collapsible Van for Overseas	Apr.	90
World's Largest Truck	May	120
Oil Law Reference Work	May	120
Plastics Welding Book	May	123
Oil Base in Latin America	May	126
Hyde Promoted at Magcobar	May	126
New Web Wilson Elevators	May	126
Romes Bechtel VP	May	126
New Graver Dialysis System	May	126
Roach & Koons at Otis	May	127
Texas Instrument's Success	May	127
Blaw-Knox Earnings	May	127
New SIE Electronic Center	May	127
New Security Appointment	May	127
Refinery Gas-Turbine Drives	May	128
Hargrove Joins Bechtel	May	128
Ideco Reassignments	May	128
Botkyns Joins American Iron	May	128
Southwest Industries Expands	May	128
UOP Wieditz Promoted	May	128
Welex Promotions	May	128
Hilliard at Web Wilson	May	127
BJ Builds Holland Plant	May	127
New Milwhite Zones	May	128
Re-Acquires Republic Supply	May	128
Netherlands Badger	May	128
New Large-Diameter Plastic Pipe	May	128
Wishart for Stone & Webster	May	128
More USA Equipment Links	June	1-12
1958 ASTM Standards (Publication)	June	1-252
Turkish Refinery Contract Awarded	June	1-264
UOP Joins Stock Exchange (Photo)	June	1-246
Plastic Piston Rings (DuFont)	June	1-246
Gas-Well Bottom-Hole Pressure (Publication)	June	1-246
Oil-Well Cementing Book	June	1-246
Evaporation Loss-Bulletin	June	1-246
Research in Geochemistry (Publication)	June	1-246
Houdry Sales Realignment	June	1-252
New Annual Refining Series (Publication)	June	1-252
Japanese Directory (Publication)	June	1-252
Oil Accounting (Publication)	June	1-252
Oil Centennial Books	June	1-255
German Book on Oil Technology	June	1-255
New Publications	July	8
Ideco for Walker Well Heads	July	73
Wilson, Staudt to Head Pesa	July	77
Western Australian Geology (Publication)	July	78
German Publication Reviewed	July	78
White Motor Appoints Wilner	July	78

(Cont'd on page 9)

	ISSUE	PAGE
Carl Maki to Dresser Post	July	79
Loffland Promotes Three	July	79
20 Dresser Rigs to Argentina	July	79
Retires from Lummus (E.R. Smoley)	July	79
President Mid-Continent Supply	July	79
Sun-Olin Mathieson UREA Plant	Ref.	120
Dewey & Almy Rubber Plant	Ref.	120
Elected Cooper-Bessemer V.P.	Ref.	120
European Manager Appointed	Ref.	120
Heads McKee Sales	Ref.	120
Molecular Sieve Dehydration, Union Carbide	Ref.	122
New Parsons Executives	Ref.	122
Ffrench Joins Cooper-Bessemer	Ref.	122
New UCF Department	Ref.	122
Houdry Appointment	Ref.	122
Petro-Chem Appointment	Ref.	124
Mexican Cat Cracker (Lummus)	Ref.	124
Pemex Expansion (Lummus)	Ref.	124
Plastic Bubble Caps (Wyatt's Plastics)	Ref.	132
Fracture Simplifies Operation (Halliburton)	Ref.	132
Spherical Maclin Catalyst (Houdry)	Ref.	132
Principles of Geochemistry (Publication)	Ref.	132
Oil Study of Europe (Publication)	Ref.	132
ASTM Plastics Standard (Publication)	Ref.	132
Westinghouse Appointment	Aug.	12
Larger Packaged Field Compressors (Clark)	Aug.	12
New Dresser Director	Aug.	12
Johnston Testers Promotion	Aug.	12
Portable Building (Porta Camp Co.)	Aug.	12
New Atlas-Jet Perforator	Aug.	12
Dowell Appoints Harmon	Aug.	12
First Hercules-Built Power Unit (Photo)	Aug.	12
Opens New York Office (Western Geophysical)	Aug.	12
Mission Representative Appointed	Aug.	14
Persons-Beauchamp Agency Formed	Aug.	68
Vienna Agreement for Cardwell	Aug.	68
Sharp Heads Export Sales	Aug.	68
Owsley Named Halliburton Director	Aug.	68
Terrell Joins Stewart & Stevenson	Aug.	68
John Helies Heads Security	Aug.	68
New Soviet Book	Aug.	68
Refinery Waste Manual	Aug.	74
Waukesha Distributor	Aug.	74
Wilson International Division	Aug.	74
UCF Area Coordinators	Aug.	74
Combination Bit (Reed Roller Bit-Photo)	Aug.	74
Rankin Elected at Bechtel	Aug.	74
Rockwell Reorganizes Advertising	Aug.	76
Reed Brazil Representative	Aug.	76
Halliburton Appointment	Aug.	76
Heads Security Sales	Aug.	76
Heads European Sales (Garrett Oil Tools)	Aug.	76
Expands South American Operations (Dowell)	Aug.	76
A Real "Bit" of a Record	Aug.	78
New OECC Publications	Aug.	
New OECC Publications	Aug.	78
Industrial Foam Solvent (Dowell)	Aug.	78
Trinidad Representative (Brown Oil Tools)	Aug.	78
Smallest Turbocharger Announced (International)	Aug.	78
Tretolite V.P. Elected	Aug.	78
Magne Returns to Paris	Aug.	79
Heads Mission Foreign Sales	Aug.	79
High Speed Pipe X-Ray (Travel-Ray--Photo)	Aug.	79
Head South American Sales (Garrett Oil Tools)	Aug.	79
International 150-W Welder (Photo)	Sept	104
UK-USA Equipment Links	Sept	104
Expansion Joint Bulletin	Sept	130
Opens New Plant	Sept	134
Slim Hole Equipment (Hercules Tool Co.)	Sept	134
Named Reed Division Manager	Sept	134
Winfrey Joins Petty	Sept	134
Hughes Appoints Morlan	Sept	134
Massyed Appointed at UCF	Sept	134
Describes Engineering Services	Sept	134
Heads U.K. Cameron Operations	Sept	134
Heads International Marketing	Sept	134
Timken International Appointments	Sept	134
Mid-Continent Supply Promotions	Sept	136
Stone & Webster Promotions	Sept	136
Kruse Joins Badger	Sept	136
Smith Oil Tool in Alaska	Sept	136
Core Labs Expands	Sept	136
New Clark Bros. President	Sept	136
Guatemalan Airlift	Sept	136
Grant Oil Tools Buys Cosasco	Sept	140
Hydrojet Report (Dowell)	Sept	140
Perforating Gun Atlas Now Pan Geo Atlas	Sept	140
Fracturing Services (Dowell)	Sept	140
Lande Wells Promotions	Sept	140
SBG Promotions	Sept	140
Dresser Sells Monitor	Sept	140
Dresser Sells Hydrocarbon Interest	Sept	140

	ISSUE	PAGE
Cunnins International Appointment	Sept	140
Head Hughes Tool Labs	Sept	140
Halliturton Absorbs Otis	Sept	140
Heads Johnston Export Sales	Sept	141
Rife Heads Wilson Tools	Sept	141
Ray Buys Mc Collum Co.	Sept	141
Evans Advanced by BJ	Sept	141
UCF First Annual Report	Sept	141
Kline at Blaw Knox	Sept	141
Lummus Appointments	Sept	141
Tire Tanks for Oil (Goodyear Tire)	Sept	141
Joins Englehard	Sept	141
Kellogg Appoints Cronkright	Sept	141
Hall New SEG President	Oct.	94
Legal Aspects of Foreign Investment	Oct.	94
Compressors Redesigned (Clark Bros.)	Oct.	80
Oil Tanker Economics (Publication)	Oct.	80
Names Assistant Vice Presidents	Oct.	96
New Chemistry Book	Oct.	96
German Petrochemistry Textbook	Oct.	96
Unfired Pressure Vessels	Oct.	96
The Alaskan Oil and Gas Handbook	Oct.	97
Heads International Sales	Oct.	100
Hawthorne Promotion	Oct.	100
Chicago Pneumatic Engines	Oct.	100
Sensator Weight Indicator (Martin Decker)	Oct.	100
New HOMCO Appointment	Oct.	100
Durkin for Chiksan Export	Oct.	100
Detects Chlorine in Oil Wells	Oct.	100
New Kellogg Computer	Oct.	101
Halliburton B-3 Packer	Oct.	101
Round-Trips Eliminated	Oct.	101
Packaged Pipeline Control	Oct.	101
Geo-Sciences and Instruments	Oct.	101
274,000 Barrel Floating Rig Tank	Oct.	101
O'Brien Named at U.S. Industries	Oct.	101
Clark Bros. Appointments	Oct.	101
Waterflood Unit	Oct.	102
Heads Buenos Aires Lab	Oct.	102
Le Tourneau Appoints Pain	Oct.	102
Pipeline Metering Bulletin	Oct.	103
HOMCO Acquisition	Oct.	103
Plant Design Brochure	Oct.	103
Cameron Appointments	Oct.	103
Kellogg Aproints Leduc	Oct.	102
Dowell Foreign Division	Oct.	102
Badger Promotion	Oct.	102
Hughes Export Sales Appointments	Oct.	102
Jurs Heads Shand and Jurs	Oct.	102
Elects Four Vice Presidents	Oct.	102
Hargrove Joins Badger	Oct.	102
Pneumatic Mud Transports	Oct.	102
New Sales Manager BJ	Oct.	102
BJ Service in Bolivia	Oct.	102
Fairchild's New Gravity Meter	Oct.	102
Grant Oil Tool Promotions	Oct.	102
Solvent-Weld Repair Clamp	Oct.	102
Johnston Testers Appointment	Oct.	102
W-K-M Executive Appointments	Oct.	102
New Books	Nov.	22
New President for Loffland	Nov.	112
J. L. McBride Retires	Nov.	114
New Hughes Bit	Nov.	114
Pipeline Equipment for Tunisia	Nov.	114
Gasoline Refrigeration Brochure	Nov.	116
Parkersburg Offices Move	Nov.	116
Reed Roller Bit Appointments	Nov.	116
Heads Pressure Control Division	Nov.	116
Bethlehem Promotions	Nov.	116
Big Rig for Libya	Nov.	122
Changes at Loffland Bros.	Nov.	124
Decker Honored by Nomads	Nov.	124
New Parsons Co. Appointment	Nov.	124
Water Test for Jets	Nov.	124
Borror at Herb J. Hawthorne, Inc.	Nov.	124
Schlumberger Promotion	Nov.	124
Heads Dresser Marketing	Nov.	124
CB/S Adds Three to Staff	Nov.	124
Stone & Webster Names Casselman	Nov.	124
Spanish Valve Brochure	Nov.	124
CB&I Plant in Holland	Nov.	124
Two Aids to Air & Gas Drilling	Nov.	128
U.S. Oil Spends $2.6 Billion in '59	Dec.	4
New Publications	Dec.	80B
Texas to Expand R & D	Dec.	80B
Eastman Oil well Sold	Dec.	80B
Parkersburg Expands	Dec.	80B
Smith Named at Climax	Dec.	80B
Graham Promoted at JT	Dec.	80B
Persian Gulf Line Pull	Dec.	80B
Venezuelan Head for Nalco	Dec.	80B
Stratoflex Bulletin in Spanish	Dec.	80B
Rollo Promotions	Dec.	80B

(Cont'd on page 10)

World Petroleum Geographical Index 1959

	ISSUE	PAGE
WORLD		
World Crude Production Tops 18 Million Barrels Daily	Jan.	32
30 Nations to Present Papers at World Petroleum Congress	Jan.	56
289 Papers Scheduled for Fifth World Petroleum Congress	Feb.	50
World Petroleum Market Trends, by D. Spriggs	Feb.	54
International Trade Stimulation (Editorial)	Mar.	41
World Exploration Expands in 1959	Mar.	68
Welcome to the Congress	June	1-57
Who's Who at the World Petroleum Congress	June	1-60
Introduction to Second Section of World Petroleum Congress Issue	June	2-E-1
World Crude Production Rise 6% (Table by Country of Crude Production)	July	72
Sharp Rise in Eastern Hemisphere Refining Capacity Forecast (Table Summarizing Operating Refining Capacities)	Ref.	51
World Drilling Up 17%	Aug.	41
Features of Drilling Contracts Outside North America, by Th. J. Vrins	Aug.	46
World's Wildcats Reviewed	Sept	47
World Oil Demand to Exceed 20 Million Barrels Daily in 1959	Sept	50
World Tanker Fleet: 1959 to 1963	Oct.	42
World Crude Production Inclines in Third Quarter of '59 (Table of Crude Production).	Oct.	82
The World of Petroleum in Stamps, by Luther Williams	Nov.	80
World Petroleum Statistics	Dec.	68
U.S. Depletion Vs. International Production, by Dillard Spriggs and John Lichtblau	Dec.	64
News Items		
Erratum	Feb.	22
World Tanker Tonnage	Apr.	10
World Production in 1958	Ref.	10
International Depletion	Aug.	5
Tribute to 5th WPC Organizers	Sept	12
$140 Billion for New Oil	Oct.	92
NORTH AMERICA		
ALASKA (News Items)		
Yukon to Have Refinery	Jan.	54
Yukon Exploration	Jan.	54
Alaska Contracts Signed	Oct.	5
Alaskan Wildcat Spudded	Nov.	118
Alaskan Pipeline Plans	Dec.	92
CANADA		
Canada Expects 10% Rise in 1959 Domestic Crude Production, by Leslie Orr Rowland	Jan.	53
North of the Prairies, by Hugh Harvey	Mar.	55
Our Petroleum & Natural Gas Future by E. C. Hebson	May	43
Canada's 1958--Year of Contrasts, by E. C. Sievwright	May	45
Natural Gas--Canada's Prodigal by Floyd K. Beach	May	51
Major Canadian Refining Additions Underway	May	52
Canada's Exploration--1958, by C.A.S. Hulmer	May	58
Canada's Oil Laws Reviewed, by D. E. Lewis	May	66
Petrochemicals Pass Half-Billion Mark	May	70
Oil Pipeline Traffic Drops	May	74
Canadian Geophysical Work Drops 15.5% in 1958	May	78
Sulfur May Move by Foothills Pipeline, by David Wood	May	80
Canada's Arctic Prospects, by David Bruce Bullock	May	100
New HQ for Shell of Canada	May	114
Canada's Bright Future, by W.M.V. Ash	June	1-68
101 Years of Canadian Oil	June	1-227
Short Review of Exploration	Sept	47
Borden Report Draws Fire in Canada	Oct.	40
Can Canada Meet Borden's Challenge?, by Leslie Orr Rowland	Nov.	71
Canadian News Items		
Exploration		
Joins Calgary & Edmonton	Jan.	54
Canada's Geology	Jan.	54
B. C. Gas Discovery	Jan.	54
Saskatchewan Find by Canso	Jan.	54
Canadian Follow-Up	Feb.	12
11-Month Completions	Feb.	12
Canadian Geophysical Crews	Feb.	12
New Swan Hills Discovery	Feb.	12
New B. C. Strike	Mar.	14
Virginia Hills to Step Up	Mar.	14
New Rad-Am B. C. Acreage	Mar.	14
Exploration Decline Halts	July	14
Simonette Drilling Pushed in Muskeg	July	14
N-T Parmout	Aug.	14
20,000 Wells Needed	Sept	22
Exploration Down	Sept	22
Mobil Drilling Rig	Oct.	16
Richfield Holdings in Fraser Valley	Oct.	16
Regulations Spur Arctic Hunt	Oct.	100
Far North Strike in Canada	Nov.	22
Mobil Has Foothills Interest	Nov.	22
Northern Island Drilling	Nov.	22
Helium Search On	Nov.	22
Canada's Well Completions Down	Nov.	22
Canada's North Wildcat	Nov.	22
Canada's Well Completions Down	Dec.	8
Production		
Canada's Big 1958 Strike	Jan.	54
Alberta Undergrround Storage	Jan.	54
Canada's Sulfur Potential	Feb.	12
Canadian Crude Output to Rise 11%	Mar.	14
Athabasca Nuclear Test Planned	Mar.	14
Alberta Plant Produces	Mar.	14
Saskatchewan Proration	Mar.	14
Mc Kinnon May Head Energy Board	Aug.	14
Equality for Canadian Oil	Aug.	14
Mission Representative Appointed	Aug.	14
$20 Million from Alberta Sales	Aug.	14
Canada's Gas Reserves Questioned	Aug.	14
BC Gas Reserves	Sept	22
Big Gas Find in Canada	Oct.	16
New Canadian Gas Reservoir	Oct.	16
Canadian Gas Discovery	Oct.	16
Venezuela Hits Borden Report	Oct.	92
Washington Views on Borden	Nov.	4
Pembina Flood Successful	Dec.	8
Proration Studies in Saskatchewan	Dec.	8
Refining		
Canadian Refinery	Jan.	70
To Build Alkylation Unit	Feb.	12
New Crude Unit Tower (Photo)	Mar.	14
New Sulfur Plant	Aug.	14
Gas Plant at Carstairs	Sept	22
Canadian Merger	Sept	22
New Canadian Condensate Plant	Oct.	16
Shell Refinery Delayed	Nov.	22
New BA Desulfurizer at Clarkson	Dec.	8
New Imperial Refinery Opened	Dec.	8
Marketing		
Against Alberta-Montreal Line	Jan.	22
Canadian Gas Prices	Jan.	22
Alberta Gas to California	Jan.	54
Westcoast Increases Land Holdings	Jan.	54
Purchase Pembina Gas	Jan.	54
Hits Canadian Regulation	Jan.	54
Canadian Export License	Feb.	12
Against Canadian Import Curbs	Feb.	6
Draft Export Legislation	Feb.	12
Propose 100,000 B/D Export Line	Feb.	12
Alberta Export Hearings	Mar.	14
Urge Gas-Export Halt	Mar.	14
Washington Pipeline	June	1-6
Quotas May Slow Canada	July	14
Gas Export Pushed	July	14
Canadian Import Exemption Urged	Sept	4
TCPL Gas Price	Sept	22
No Prorationing for Saskatchewan	Oct.	16
New Canadian Market	Nov.	22
Canada's Gas to U.S.	Dec.	8
Canada's Oil Market Policy	Dec.	8
Legislation		
CPA Protests Borden	Feb.	12
Draft Export Legislation	Feb.	12
Alberta Export Hearings	Mar.	14
Urge Gas-Export Halt	Mar.	14
CPA Welcome Energy Act	Sept	22
Transportation		
Trans-Canada Complete	Jan.	22
Saskatchewan Pipelines	Jan.	22
Against Alberta-Montreal Line	Jan.	22
Interprovincial Deliveries	Jan.	54
Saskatchewan Gas-Line Extension	Jan.	54
Trans-Canada Takes More Gas	Jan.	54
Edmonton Products Line	Feb.	12

(Cont'd on page 11)

	ISSUE	PAGE
Trans-Canada Deliveries	Feb.	12
Propose 100,000 B/D Export Line	Feb.	12
Pipe for Trans-Canada	Mar.	10
Alberta Plant Produces	Mar.	14
Alberta Gas Deliveries	Mar.	14
Pipeline Throughput Increase	Mar.	14
Interprovincial Rates Down	Mar.	121
Peace River Line Extended	July	14
New Windfall Line	July	14
Tenger New CGA Head	Aug.	14
Trans-Canada Has 16-Year Gas Supply	Sept	6
Trans Mountain Line Picks Up	Sept	22
BC Pipeline Permit Asked	Sept	22
New Calgary Line	Sept	22
Pipeline Permit Asked	Sept	22
TCPL Gas Price	Sept	22
Alberta Trunk Expands	Oct.	16
Saskatchewan Oil Line Proposed	Oct.	16
Canadian Pipeline Rates Cut	Oct.	97
Canadian Crude Deliveries Up	Dec.	8
Newfoundland Terminal Opened	Dec.	8
General		
Larkin Opens Edmonton Warehouse	Jan.	54
Celebrates 50th Birthday	Feb.	12
Takes Over Fabricating Plant	Mar.	14
New Prorationing for Canada	July	14
North Star Board Grows	July	14
New Canada Plant	July	14
Tar Sand and Heat	July	14
Alberta Tool Appointment	July	14
Milwhite Appoints Bull	July	14
To Assemble Jeep in Canada	Sept	22
Welex Promotions	Sept	22
Merit Oil's New Directors	Sept	22
Interprovincial Net Rises	Sept	22
Placer Sale	Sept	22
Schlumberger Appointments	Sept	22
Sun Oil Operation at Blueberry	Sept	22
Shell Buys Canadian Eagle	Sept	130
Energy Board Appointments	Oct.	16
Pipe Mill for Alberta	Oct.	16
SSC Promotion	Oct.	16
Failing Ltd. Appointment	Nov.	22
Athabaska Atomic Blast	Nov.	22
Canadian Petroleum Merger	Dec.	8
Oil Atomic Blast Delayed	Dec.	8
Personnels	Dec.	8
J & L Supply Shifts	Dec.	8
CENTRAL AMERICA & CARIBBEAN OUTSIDE SOUTH AMERICA		
World Exploration Expands in 1959	Mar.	68
World's Wildcats Reviewed	Sept	47
News Item		
Texaco Caribbean Marketing	Aug.	12
BAHAMAS		
World Exploration Expands in 1959	Mar.	68
Central American Review	Apr.	71
BARBADOS		
Short Review of Exploration in 1959	Mar.	68
Central American Review	Apr.	71
BRITISH HONDURAS		
Short Review of Exploration	Mar.	68
Central American Review	Apr.	71
Short Review of Exploration	Sept	47
News Items		
Phillips in British Honduras	Jan.	16
British Honduras Deep Test	Feb.	22
COSTA RICA		
World Exploration Expands in 1959	Mar.	68
Central American Review	Apr.	71
Short Review of Exploration	Sept.	47
News Items		
Costa Rica Well Halted	Sept	26
Costa Rica Test Dry	Oct.	22
CUBA		
World Exploration Expands in 1959	Mar.	68
Central American Review	Apr.	71
Short Review of Exploration	Sept	47
News Items		
French in Cuba	Mar.	16
Cuba Exploration Resumed	May	22
Cuban Oil Declines	May	22
Cuban Oil Mineral Laws	May	121
New Cuban Exploration	June	1-255
Cuba's 1958 Production	Aug.	12
Cuban Penalty Paid	Aug.	12
Cuban Activity Slowed	Sept	26
Cuban Oil Summary	Oct.	22
Cuba's Oil Drops	Oct.	22
Cuban LPGas Register	Oct.	22
DOMINICAN REPUBLIC		
Central American Review	Apr.	71
EL SALVADOR		
Central American Review	Apr.	71
News Item		
New El Salvador Refinery	Oct.	22

	ISSUE	PAGE
GUATEMALA		
World Exploration Expands in 1959	Mar.	68
Central American Review	Apr.	71
Short Review of Exploration	Sept	47
News Items		
New Guatemala Concessions	Feb.	22
Guatemalan Airlift	Sept	136
HAITI		
World Exploration Expands in 1959	Mar.	68
Central American Review	Apr.	71
News Items		
New Haiti Test	Mar.	16
Oil Boycott to Haiti	Nov.	120
HONDURAS		
World Exploration Expands in 1959	Mar.	68
Central American Review	Apr.	71
News Item: Erratum	Jan.	16
JAMAICA		
Central American Review	Apr.	71
News Items		
New Jamaica Refinery	May	22
Esso Jamaica Refinery	Aug.	12
MEXICO		
World Exploration Expands in 1959	Mar.	68
Central American Review	Apr.	71
Short Review of Exploration	Sept	47
News Items		
Mexico Completes Expropriation	Feb.	22
New Pemex Director	Mar.	16
Mexican Projects	Mar.	16
Offshore Mexican Discovery	Mar.	16
Mexico Invites Participation	June	1-255
Pemex Expansion	Aug.	124
Mexican Cat Cracker	Aug.	124
Pemex to Buy in Europe	Aug.	22
Mexican Representative	Oct.	22
NETHERLANDS WEST INDIES		
Central American Review	Apr.	71
NICARAGUA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	48
News Item: Nicaraguan Oil Concession	Sept	26
PANAMA		
World Exploration Expands in 1959	Mar.	68
Central American Review	Apr.	71
Short Review of Exploration	Sept	48
News Item: Panama Test Dry	Aug.	12
PUERTO RICO		
World Exploration Expands in 1959	Mar.	68
Central American Review	Apr.	71
News Item: Mobil Enters Puerto Rico	Nov.	120
TRINIDAD		
World Exploration Expands in 1959	Mar.	68
Central American Review	Apr.	71
Short Review of Exploration	Sept	48
Trinidad Looks Up	Dec.	44
News Items		
Trinidad Duster	Jan.	68
Trinidad Refinery Expansion	Mar.	16
First Trinidad Bonuses	Mar.	16
Trinidad Oil Strike	May	22
Stekoll Signs Trinidad Agreement	Oct.	22
To Explore Paria Gulf	Nov.	120
Texaco's Trinidad Refinery Expands	Dec.	84
SOUTH AMERICA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	48
South America's Refining Outlook Bright	Dec.	40
Tables Showing Trends in Motor Fuels, Vehicles, and Highways in South American Countries	Dec.	42
Oil's Struggle in Western Latin America, by Juan E. Rassmuss	Dec.	47
News Items		
Erratum	Feb.	22
Oil Base in Latin America	May	126
ARGENTINA		
Future Outlook for Oil Production in Argentina, by Andres Bozlosnik	Mar.	51
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	48
News Items		
Sign Argentine Contracts	Jan.	16
Ships 10 Rigs to Argentina	Jan.	16
Heads Argentine Petroleum Inst	Jan.	71
New Argentine Contract	Feb.	22
Model Argentine Contract	Feb.	22
Identical Rigs for Argentina	Mar.	16
Argentina Curbs Off	Mar.	16
Largest Rig Order to Argentina	Mar.	16
Argentina Spud	Mar.	16
Union Oil in Argentina	Mar.	16
Starts Argentine Drilling	Mar.	16
Pan Am Argentine Producer	May	22

(Cont'd on page 12)

	ISSUE	PAGE
Tekoil in Argentina	June	1-255
Pan American Moves Oil	July	10
Argentine Gas Line Begun	July	10
Argentina's 1958	July	10
20 Dresser Rigs to Argentine	July	79
ENI Contract in Argentina	Aug.	22
Pan Am Pipeline in Argentine	Aug.	22
New Argentine Pipeline	Aug.	22
Argentine Production Up	Aug.	22
3,000 b/d Argentine Find	Sept	26
Pan American Drilling Up	Oct.	22
Argentine Contracts for Wells	Oct.	22
Heads Argentine Operations	Oct.	88
Heads Buenos Aires Lab	Oct.	102
Argentina's First Half	Dec.	86
BOLIVIA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	48
Oil's Struggle in Western Latin America, by Juan E. Fassmuss	Dec.	47
News Items		
Bolivian Option	Mar.	16
Bolivia Geophysical Socy	Mar.	16
Brazilian Companies in Bolivia	June	1-255
Bolivia Oil Deal	Aug.	12
Bolivian Floods	Sept	26
BJ Service in Bolivia	Oct.	102
Bolivia's Exploration & Output	May	22
Bolivian Oil Institute	May	22
BRAZIL		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	48
News Items		
Exports to Brazil	Feb.	22
Brazil's Oil News	Feb.	22
Brazilian Developments	Feb.	22
Brazil Private Investment	Mar.	16
Brazilian Reserves	Mar.	16
Brazil Produces 50,000 b/d	May	22
Brazil Wildcats	May	22
Brazil Market Affiliate Sold	June	1-255
Import Licenx		
Import Licenses Cancelled	June	1-255
Brazil's oil in 1958	June	1-255
Brazilian Companies in Bolivia	June	1-255
New Brazilian Wildcat	June	1-255
Brazil-USSR Barter	June	1-255
Brazil's Imports to Cease	July	10
Refineries Grow in Brazil	July	10
Brazil's Drilling	July	10
Brazil's Prices Drop	July	10
Russian Crude in Brazil	July	10
Petrobras Reconsidered	July	10
Brazil-Bolivia Oil Deal	Aug.	12
Brazil Oil Payments Slowed	Sept	108
Brazil's Refineries Expand	Oct.	22
Brazil-Soviet Oil Deal	Oct.	22
Private Refinery Operating	Oct.	22
CHILE		
Short Review of Exploration	Sept	48
COLOMBIA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	48
News Items		
Forsm Buying Partnership	Jan.	70
News Items		
Forms Buying Partnership	Jan.	70
Gives Up in Colombia	Mar.	16
New Colombian Company	May	22
Consumption Stagnates	May	22
Colombia Hikes Oil Prices	May	22
Colombia's Drilling in 1958	July	10
Colombian Legislation	July	10
Oil Scholorship Law in Colombia	July	74
Oil Wage Up in Colombia	Aug.	22
Colombian Discovery	Sept	110
ECUADOR		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	48
News Items		
Ecuador Sale by Santiago	Mar.	16
New Ecuador Concession	July	10
Ecuador to Build New Refinery	Oct.	22
PARAGUAY		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	49
PERU		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	49
News Items		
Additional Peruvian Acreage	Mar.	16
Oil in Peru Reviewed	May	22
Peru 1958	July	10
Peruvian Prices Rise	Oct.	22
URUGUAY (News Items)		
Uruguay Refining Runs	July	10
Oil Bartered in Venezuela	Oct.	90
VENEZUELA		
Venezuela's Dilemma (Editorial)	Feb.	41
World Exploration Expands in 1959	Mar.	68
Maracaibo Disaster of 1937 (Photo Story)	June	1-230
President Bentencourt Speaks on Venezuela's Oil Policy (Editorial)	July	35
Oil is Not Everything, by Juan Pablo Perez Alfonso	July	36
Make-Believe Makes Money--Monte Carlo Marine Terminal Model, by Robert W. Leach	July	40
World's Largest Submarine Gas Line Boosts Lake Maracaibo Conservation, by R. B. Leathers	July	44
Venezuelan Exploration Slows	July	47
Table of Exploratory Wells in Venezuela-1958	July	48
New Income Tax Law Breaks the "50-50", by Thomas E. Delate	July	58
Venezuela's Crude Supplies Wax	July	66
Venezuelan Exports Decline (Table of Venezuelan Exports by Country	July	70
Venezuela's Problem (Editorial)	Sept	41
Short Review of Exploration	Sept	49
Venezuela's Aguasay Discovery	Sept	72
News Items		
Venezuela Breaks 50-50 Concept	Jan.	16
Erratum	Feb.	22
Exports to Brazil	Feb.	22
Venezuela Expands Refining	Mar.	16
Transferred to Venezuela	Mar.	16
Recent Sediments Studied	Apr.	64
Venezuelan Oil Minister	May	22
Venezuelan 60-40 to Stick	May	22
Middle East "Take"	May	106
Venezuelan Dallas Consulate	May	126
Venezuelan Producer	June	1-255
Washington Pipeline	July	4
Venezuela's Policy Attitude	July	4
Venezuelan Foremen Tour USA	July	70
El Palito Refinery	July	78
Atlantic Ref. Co. Bldg. in Venezuela	July	78
New Building for Mobil	July	78
Venezuela's Oil Minister Reports	Aug.	22
Oil Labor Bill in Venezuela	Aug.	22
8,500 Bbl/Day Venezuelan well	Aug.	22
Unitization in Venezuela	Sept	26
Venezuelan Oil Discoveries	Sept	26
Conservation Expert in Venezuela	Sept	26
$600 Million in Venezuela	Sept	26
Creole's Investment Halved in 59	Sept	26
Betencourt Confident on Oil	Sept	26
Shell Creates Cultural Foundation	Sept	26
Franklin Enters Venezuela	Sept	26
Engineer Shortage in Venezuela	Sept	26
Shell's Venezuelan Personnel Policy	Sept	26
Conservation Project in Venezuela	Sept	26
Ministry Training Personnel	Sept	26
Venezuela's Production Up	Sept	110
Venezuela Sets Appointments	Sept	134
Venezuela Engages Prorating Expert	Oct.	22
Venezuela Offers Scholarships	Oct.	22
Venezuelan Refining Record	Oct.	22
Venezuelan News	Oct.	28
Oil Bartered in Venezuela	Oct.	90
Venezuela Stops Dominican Oil	Oct.	90
Venezuela Hits Borden Report	Oct.	92
Venezuelan News	Nov.	38
Oil Industry Organizes Own Group	Nov.	120
Labor Moratorium	Nov.	120
Venezuelan News	Dec.	22
Venezuelan Head for Nalco	Dec.	80B
EUROPE		
World Exploration Expands in 1959	Mar.	68
The Federation of Petroleum Equipment Manufacturers, by J. P. Le Gall	June	2-B-2
Trends of Oil Economics and Their Influence on the European Energy Market, by Lucio Corradini	June	2-B-5
Petroleum at the Beginning of the Atomic Age	June	2-B-81
Short Review of Exploration	Sept	114
News Items		
Africa-Europe Pipeline	Jan.	70
Pemex to Buy in Europe	Aug.	22
New Trans-Europe Pipeline	Sept	110
ALBANIA (News Items)		
Refinery for Albania	Jan.	70
Albanian Crude Output	Apr.	92
AUSTRIA		
World Exploration Expands in 1959	Mar.	68
Review of Austria's Petroleum Industry	June	2-A-1-36
The Molasse Zone of Austria, by Dr. R. Janoschek	Sept	94

(Cont'd on page 13)

	ISSUE	PAGE
Short Review of Exploration	Sept	114
News Items		
To Drill in Lower Austria	Jan.	68
Austrian Settlement	Jan.	71
Austrian OeMV in 1958	Mar.	110
Vienna Agreement for Gerdewell	Aug.	68
Austria's ERG. Merges with OeMV	Aug.	70
3rd RAG Discovery in Austria	Aug.	70
Austrian Gas Find	Oct.	90
BELGIUM		
World Exploration Expands in 1959	Mar.	68
Review of Belgiums Role in Petroleum Industry	June	2-B-1-31
News Item: Belgian Chemical Plant for Japan	Sept	108
BULGARIA (News Item)		
Bulgarian Refinery	Apr.	92
CZECHOSLOVAKIA (News Items)		
Czechs to Up Crude from USSR	Jan.	70
Czechs Complete Syrian Plant	Aug.	70
DENMARK		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	114
EIRE		
World Exploration Expands in 1959	Mar.	68
Ireland's First Refinery Follows "Hydro-Skimming" Plan	Ref.	84
News Item: Irish Gas Tax	Feb.	94
FINLAND (News Item)		
Finland to Take Soviet Oil	Jan.	68
FRANCE		
World Exploration Expands in 1959	Mar.	68
Review of The French Petroleum Industry	June	2-F-1-[illegible]
New "Grass Roots" Refinery Adds 31,500 Barrels to French Capacity, by V. Severs	Ref.	56
Short Review of Exploration	Sept	114
News Items		
Paris Basin Extended	Jan.	70
American Oil Attache in Paris	Feb.	88
French Carbon-Black Plant	Feb.	90
Equipment Congress in Paris	Feb.	90
French in Cuba	Mar.	16
The Arabian Peninsual		
The Arabian Peninsula	May	122
RAF Discovery in France	May	122
Shell Discovery in Paris Basin	June	1-234
French Equipment to Romania	Ref.	122
Italo-French Refinery to Romania	Aug.	70
French Oil Strike	Aug.	70
Naphtachime to Produce Butadiene	Sept	108
More French Discoveries	Dec.	84
GERMANY		
World Exploration Expands in 1959	Mar.	68
Review of the Petroleum Industry in Germany,	June	2-G-1-69
Liquid Energy Sources	June	2-G-77
The Engineer and His Profession	June	2-G-82
Building Crude Oil & Petrochemical Plants-Designer and Supplier	June	2-G-86
Transport of Mineral Oil in Germany	June	2-G-258
News Items		
East Germany Refinery	Jan.	68
Russian Deliveries to East Germans	Feb.	88
East Germans Up Refining	Feb.	88
BP's New German Refinery	Feb.	88
Germans in Libya	Feb.	90
BP Plant Construction Begun	Mar.	108
German Line Gets Crude	Mar.	110
German Refinery Onstream	Apr.	92
German Oil Active	May	106
German Oil Data	May	124
Study Bavarian Pipeline	June	1-240
German Petrochemicals	June	1-240
Multi-Grade Gas Pumps in Germany	Ref.	10
Hoechst HTP Process	Ref.	120
New Esso Refinery in Germany	Aug.	70
Gasoline Sales Rise in Germany	Oct.	88
GREECE		
World Exploration Expands in 1959	Mar.	68
Greek Government Refinery in Full Operation, by J. E. Bogk and Dr. Morgan C. Sze	Ref.	69
Short Review of Exploration	Sept	122
News Items		
Greek Refinery Onstream	Jan.	68
Greece Studies Oil Law	Jan.	72
Soviets Supply Greece	Sept	110
New Greek Refinery	Oct.	90
Dow to Build in Greece	Dec.	86
HUNGARY (News Items)		
Hungary Recovers Production	Jan.	68
Hungary to Up Production	Jan.	70
Hungary's Expansion Plans	Feb.	88
Hungary's 1958 Oil	Apr.	92
ITALY		
Italy--A Resume of Exploration and Production	Mar.	62
World Exploration Expands in 1959	Mar.	68
Italian Petroleum Industry	June	2-I-1-92
Growth of Italian Refining, by R. Pesacli	Ref.	126
Short Review of Exploration	Sept	122
News Items		
Italian Governments Protable Island (Photo)	Feb.	88
Italian Gas-Tax Cut	Feb.	92
Dresser Italian Affiliate	Feb.	94
Italo-Swiss PL & Refinery	May	106
Italian Petrochemical Plant	May	108
Italian Gas Find	May	108
Italian Residual-Fuel Use	May	108
Italian-Chinese Relations	May	112
Liberal Oil Law in Italy	May	112
Italy's Record Gas Production	May	112
Italy's $610 Million in Oil	May	116
BP in Italy	June	1-240
Italy Aids Romanian Refinery	Ref.	120
Italo-French Refinery to Romania	Aug.	70
Italian-Polish Pipeline Team	Aug.	70
Italy's Gas Up in '58	Aug.	74
New Italian Oil Publication	Sept	130
New Italian Petrochemical Plant	Oct.	88
Italian Refining & Trade in 1958	Oct.	88
Gas Find in Italy	Oct.	90
Esso Withdrawals from Italy	Oct.	90
New Italian Refinery	Nov.	8
Appointments	Nov.	8
Larger-Life Flare Stack Head	Nov.	8
Italy's State Oil Activity	Nov.	118
ANIC Expansion	Nov.	118
ANIC's Increase of Capital	Nov.	118
Hydrofiner for Porto Marghera	Nov.	118
NETHERLANDS		
World Exploration Expands in 1959	Mar.	68
Royal Dutch/Shell Since 1955	June	1-148
A Guided Tour Through Holland Petroleum	June	2-H-1-82
Short Review of Exploration	Sept	122
Synthesis Gas Plant at Ijmuiden, by A. F. Van Amstel	Dec.	50
News Items		
Netherlands Refinery	Jan.	68
Dutch Refining Slows Up	May	112
BJ Builds Holland Plant	May	127
Netherlands Carbon-Black Plant	June	1-236
Shell Plant in Holland	Nov.	124
NORWAY (News Items)		
Norway's Refinery Storage	Jan.	73
New Type of Oil Boom	May	125
POLAND (News Items)		
Polish Refining	Jan.	68
Polish Gas Area Yields Crude	Jan.	70
Poland to Get More Soviet Gas	Jan.	70
Poland Plans Expansion	Feb.	88
Italian-Polish Pipeline Team	Aug.	70
Iraqi Crude to Poland	Aug.	70
PORTUGAL		
Short Review of Exploration	Sept	122
ROMANIA (News Items)		
Indian Refinery,Romanian Credit	Jan.	70
Soviet Aid for Romanian Chemicals	Feb.	88
Italy Aids Romanian Refinery	Ref.	120
French Equipment to Romania	Ref.	122
Italo-French Refinery to Romania	Aug.	70
Treasury Finds No Oil Dumping	Oct.	92
Romania Refuses Crude to Yugoslavia	Oct.	90
SICILY		
Short Review of Exploration	Sept	122
News Items		
Sicilian Gas Discovery	Jan.	68
Sicilian Petrochemicals	Apr.	92
1958 Sicilian Crude	May	106
Petrochemicals in Sicily	May	108
Drilling Offshore in Sicily	Oct.	90
SPAIN		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	122
News Items		
Caltex to Spain	Jan.	71
Oil Shale in Spain	Sept	110
Spanish Geophysical Company Expands	Sept	130
SWEDEN		
World Exploration Expands in 1959	Mar.	68
News Items		
Tanker News	Jan.	8
Sweden Reduces Product Prices	Feb.	88
Largest Gotaverken Diesel	Ref.	10
Swedish Refinery Purchase	Sept	110
SWITZERLAND		
World Exploration Expends in 1959	Mar.	68
News Items		
Italo-Swiss PL & Refinery	May	106
UNITED KINGDOM		
The UK--A Heavy-Oil Economy, by Cecil W. Wood	Jan.	35

(Cont'd on page 14)

	ISSUE	PAGE
New Power for the World? "Methane Pioneer" Arrives in UK, by Cecil W. Wood	Apr.	60
Oils Contribution to the British Economy, by C. M. Vignoles	June	1-70
Golden Jubilee of BP	June	1-78
Shell's Contribution to the UK Petroleum Chemical Industry	June	1-114
Shell Research in the United Kingdom	June	1-160
British Petroleum Equipment	June	1-172
UK Refinery Capacity Now 41.5 Million Tons a Year, by Cecil W. Wood	Ref.	52
Expansion at Wakefield's Research Laboratories and Additives Plant, by G. H. Thornley.	Ref.	62
Esso's New UK Petrochemical Plant	Ref.	64
UK Petrochemical Output Rises 165% in Five Years	Ref.	71
Mobil Oil Company's New LPGas Recovery Unit, by James Mc G. R. Clemie	Aug.	54
Royal Dutch/Shell Contributions to UK Refinery Developments	Aug.	62
Esso Opens New Laboratory at Abingdon Research Center	Aug.	77
Shell Haven Fertilizer Plant Manufacturers Ammonia from Fuel Oil	Sept	68
Fison's New Nitrogen Plant, by B. H. J. Bell	Sept	80
The World's First Gas Turbine Tankers	Oct.	52
Thames Haven Expanding Largest European Oil Storage Depot	Oct.	78
News Items		
London Letter	Jan.	8
London Letter	Feb.	8
London Letter	Feb.	10
World's Largest Peroxide Fuel Plant	Feb.	51
Cameron Expands Manufacturing Facilities at Leeds Plant	Feb.	72
Scottish Petrochemicals Plant	Feb.	94
Aluminum Fire Protection	Feb.	95
London Letter	Mar.	10
London Letter	Mar.	12
London Letter	Apr.	8
London Letter	Apr.	10
London Letter	May	8
London Letter	May	10
Heads Sinclair-BP Co.	May	122
Flexible Barge Used in UK	May	121
London Letter	June	1-12
British Pipeline Distribution	June	1-240
BP Reports 1958 Gains	June	1-252
BP Thermal Reformer	June	1-252
London Letter	July	8
London Letter	Ref.	10
Tanker Construction Up	Aug.	12
London Letter	Sept	12
London Letter	Sept	14
New 128-Ft Lever-Lift Drilling Mast	Sept	102
Plant Russia Wants from UK	Sept	102
Analog Simulator for BP	Sept	104
UK-USA Equipment Links	Sept	104
Buys Drilling Company Interest	Sept	110
Stewarts & Lloyds Appointment	Sept	140
London Letter	Oct.	10
London Letter	Oct.	12
New Pao Amaya Ocean Terminal	Oct.	88
London Letter	Nov.	8
London Letter	Dec.	10
London Letter	Dec.	12
USSR (Europe)		
Turbodrilling Progress and New Drilling Methods in the USSR, by Messrs. Ioannesyan, Gusman, Minin, Bulakh, Tagiev, Titkov, Trebin and Cetrovsky	Aug.	42
Sino-Soviet Plans for Oil and Gas. What Chance for Success?, by Alexander Gakner	Sept	60
News Items		
Russians Find Oil in India	Jan.	68
USSR Oil Exports Rise	Jan.	68
USSR Planned Gas Output	Jan.	70
Czechs to Up Crude from USSR	Jan.	70
Poland to Get More Soviet Gas	Jan.	70
USSR's Foremost Oil Region	Jan.	70
Finland to Take Soviet Oil	Jan.	68
Says USSR Equipment Unsurpassed	Feb.	88
USSR to Take on All Comers	Feb.	88
USSR Underground Gas Storage	Feb.	88
Russian Deliveries to East Germans	Feb.	88
Aerial Gamma Radiometer	Feb.	88
Soviet Aid for Romanian Chemicals	Feb.	88
USSR Equipment for Syria	Feb.	90
Soviets to Help India	Feb.	90
Russian Production	Feb.	90
Russia's Ambitious 7-Year Plan	Feb.	92
USSR Electric Drilling	Feb.	92
Soviet-Bloc Line	Feb.	94
Big Inch Pipe Exports	Mar.	6
Moscow on Origin of Oil	Mar.	115
USSR Asphalt Discovery	Mar.	110
USSR Fast Gas Turbine	Apr.	92
USSR 40,000-Tonner	Apr.	92
Soviets Barter Crude Oil	May	8
USSR Ups Crude Output	May	106
USSR Ups 1960 Gas Target	May	116
Russian Gas Reserves	May	116
Chemical Plant for Russia	June	1-240
Brazil-USSR Barter	June	1-255
Russian Crude in Brazil	July	10
New Soviet Refineries	Ref.	122
New Soviet Book	Aug.	68
USSR Oil Ports at Baltic	Aug.	70
Soviet Drilling in Afghanistan	Aug.	70
Plant Russia Wants from UK	Sept	102
Soviets Supply Greece	Sept	110
Soviet Pipeline to Satellites	Sept	110
First Soviet Rig in Egypt	Sept	110
USSR Barters Oil Equipment	Sept	110
USSR Gasoline Pipeline Completed	Oct.	100
Lubricating Oils & Greases in the Soviet	Oct.	103
1,700 Wells for Kuybyshev	Oct.	90
YUGOSLAVIA (News Items)		
New Yugoslavian Field	Feb.	88
Yugoslavia Firm Lays Gas Pipeline in India	Aug.	70
Oil Barted in Venezuela	Oct.	90
Romania Refuses Crude to Yugoslavia	Oct.	90
MIDDLE EAST		
World Crude Production Tops 18 Million Barrels Daily	Jan.	32
World Exploration Expands in 1959	Mar.	68
Pressures for Change in Middle East Oil Arrangements, by Dillard Spriggs	Apr.	37
Short Review of Exploration	Sept	49
News Items		
Middle East Completions	Jan.	71
Middle East Plan Off	Feb.	94
Urges Middle East Program	Feb.	95
Persian Gulf Terminals	Mar.	108
Middle East "Take"	May	106
Mideast Pl Deliveries Up	May	112
New Mid-East Field	Dec.	84
ABU DHABI		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	49
BAHRAIN		
World Exploration Expands in 1959	Mr.	68
Short Review of Exploration	Sept	49
IRAN		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	49
News Items		
Iran's NIOC Turns Down Bids	Jan.	70
Iran Offshore Site	Jan.	70
Iran Plans Fertilizer Plant	Feb.	88
Iranian Terminal	Feb.	90
Iranian Gas Contract	Feb.	90
Turkish Iranian Line	Feb.	90
Iranian Barter Deals	Feb.	90
Iran Gas Distribution	Feb.	92
Iranian Oil Revenues	Apr.	92
1958 Iran Oil Operations	June	1-240
Iran Refinery	Sept	108
IRAQ		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	98
News Items		
Iraq Cancels BP Concession	Jan.	68
Iraq Oil Sales	Jan.	68
Arab Tanker Fleet	Feb.	90
Gives Up in Iraq	Apr.	92
Iraq Oil Revenues	May	112
Iraq's Oil Exports Drop	July	74
Iraqi Crude to Poland	Aug.	70
Iraq Oil Committee	Oct.	90
ISRAEL		
World Exploration Expands in 1959	Mar.	69
Joint Venture in Israel	Mar.	110
Short Review of Exploration	Sept	98
News Items		
Israel Pipeline	Feb.	90
Israel Refinery Sold	Feb.	94
New Pipeline in Israel	May	121
Magellan Merges Buckley	June	1-234
Israel's Pipeline Plans	Oct.	101
JORDAN		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	98
News Items		
Jordan Refinery Planned	Feb.	90
Jordan Pipeline	Feb.	90
KUWAIT		

(Cont'd on page 15)

	ISSUE	PAGE
World Exploration Expands in 1959	Mar.	68
Kuwait Oil Company's North Pier Project	June	1-156
Short Review of Exploration	Sept	98
News Items		
Kuwait Gas Compressor	Jan.	68
Middle East Completions	Jan.	71
Kuwait Exports	Feb.	90
North Kuwait Facilities	May	112
Platformer for Kuwait	Sept	108
Kuwait Loading Record	Sept	108
Kuwait North Pier Commissioned	Sept	108
Kuwait Feels USA Import Curb	Oct.	90
LEBANON		
Short Review of Exploration	Sept	98
News Items		
Lebanon Deliveries	Feb.	90
Lebanese Oil Agreements	Aug.	70
MUSCAT AND OMAN		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	98
NEUTRAL ZONE		
Short Review of Exploration	Sept	98
News Items		
Neturel Zone Expansion	Jan.	70
Neutral Zone Capital	May	112
PERSIAN GULF (News Items)		
Pan Am in Persian Gulf	Feb.	90
Persian Gulf Test	Feb.	90
Persian Gulf Jetty	Mar.	10
Persian Gulf Submarine Line	Apr.	92
Persian Gulf Terminal	May	106
Persian Gulf Line Pull	Dec.	80D
QATAR		
Short Review of Exploration	Sept	98
News Item: Japanese to Explore Qatar	Jan.	68
SAUDI ARABIA		
World Exploration Expands in 1959	Mar.	68
Remote Control of a Gas-Oil Seperator Plant, by James A. Conneren	Apr.	41
Short Review of Exploration	Sept	98
News Items		
ENI for Saudi Operation	Jan.	68
Middle East Completions	Jan.	71
Erratum	Feb.	22
Arabs Elected to Aramco Board	July	74
LPGas Plant in Arabia	Sept	108
Arabian Gas Sale	Sept	130
SYRIA		
Short Review of Exploration	Sept	98
News Items		
Syrian Refinery	Jan.	68
Syrian Oil Organization	Jan.	68
New Oil Policy for Syria	Jan.	70
USSR Equipment for Syria	Feb.	90
Syrian Drilling	Feb.	90
To Develop Syria	Feb.	90
UAR Syrian Pipeline	Feb.	94
Syrian Settlement with IPC	Mar.	108
Syrian Oil Development	Aug.	70
Czechs Complete Syrian Plant	Aug.	70
100 Million Tons Through Banais	Sept	110
TRUCIAL COAST		
World Exploration Expands in 1959	May	68
TURKEY		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	98
News Items		
Turkish Iranian Line	Feb.	90
Turkish Acquisitions	Mar.	110
Turkish Refinery Financing	Mar.	110
Mobil's Turkish Test	Mar.	110
Turkish Refinery Contract Award	June	1-236
AFRICA		
World Exploration Expends in 1959	Mar.	68
Short Review of Exploration	Sept	98
News Item: Africa-Europe Pipeline	Jan.	70
ALGERIA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	98
News Items		
Algerian Well Tests Gas	Feb.	90
Algerian Discovery	Mar.	108
Algerian Completions	Mar.	108
Algerian Gas to Europe	Oct.	90
Algerian Oil Well	Dec.	86
ANGOLA (News Item)		
Erratum	Jan.	68
BRITISH EAST AFRICA		
Short Review of Exploration	Sept	100
News Item: Oil Refinery for Mombasa	Nov.	118
BRITISH SOMALILAND (News Item)		
Gives Up in Somaliland	Jan.	70
CABINDA		
World Exploration Expands in 1959	Mar.	68

	ISSUE	PAGE
EGYPT		
Suez Canal Traffic at Record High, by John Lichtblau	Apr.	40
What Happened at Cairo, by Jean Jacques Berreby	June	1-8
Short Review of Exploration	Sept	49
News Items		
Bid for Egyptian Rights	Jan.	68
UAR Consumption	Jan.	68
Egyptian-Pipeline	Jan.	71
UAR Oil Authority	Jan.	71
Gives Up in Egypt	Jan.	70
Egyptian Tankers	Feb.	90
First Soviet Rigs in Egypt	Sept	110
Shell Interests in Egypt	Nov.	118
Suez to be Deepened	Dec.	12
ETHIOPIA		
Short Review of Exploration	Sept	100
FRENCH EQUATORIAL AFRICA		
Short Review of Exploration	Sept	100
News Items		
French Equatorial Africa	Feb.	90
Gabon Discovery by Mobil	Nov.	118
FRENCH WEST AFRICA		
Short Review of Exploration	Sept	100
GHANA		
World Exploration Expands in 1959	Mar.	68
News Item: ENI Mission in Ghana	Nov.	118
IVORY COAST (see Fr. West Africa)		
World Exploration Expands in 1959	Mar.	68
News Item: Ivory Coast Survey	June	1-240
KENYA (See also British East Africa)		
World Exploration Expands in 1959	Mar.	68
News Item: Kenya Refinery Survey	Sept	110
LIBYA		
Geophysical Exploration Problems in Libya, by Frederick L. Schenck	Mar.	42
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	100
"Big Oil" Found in Libya	Oct.	58
Mobile Rigs Lick Libyan Desert Drilling Problems	Dec.	60
News Items		
New Libyan Test	Jan.	68
New SEO Libyan Affiliate	Feb.	88
Germans in Libya	Feb.	90
Libya Oil Find	July	77
Drilexco In Libya	Oct.	88
Amoseas Strike in Libya	Dec.	86
MADAGASCAR		
Short Review of Exploration	Sept	112
MOROCCO		
Short Review of Exploration	Sept	112
News Items		
Moroccan Bids Overlap	Jan.	70
Moroccan Oil Shows	Apr.	92
MOZAMBIQUE (News Item)		
Mozambique Refinery	Feb.	94
NIGERIA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	112
News Items		
Nigerian Success	Jan.	70
Swamp Tractor for Nigeria	May	106
New Nigeria Oil Find	July	74
Mobil Concession in Nigeria	July	74
Nigeria Refinery Studied	Aug.	70
Nigeria Field Appraisal Completed	Dec.	12
Oil Find in Nigeria	Dec.	84
PORTUGUESE GUINEA		
World Exploration Expands in 1959	Mar.	68
SAHARA		
Review of the French Petroleum Industry	June	2-F-1-60
Six Years of Exploration in the Sahara, by Andre Charon	Sept	42
Sahara Pipeline Completed, by P. Martin	Oct.	47
News Items		
New Law for Sahara	Jan.	68
French-SONJ in Sahara	Feb.	90
Begin Work on Sahara Line	Feb.	90
New Saharan Oil law	Feb.	92
Sahara Extensions	Feb.	94
CEP Sahara Exploration	Feb.	94
New Sahara Concessions	Sept	110
SENEGAL (See also Fr. West Africa)		
World Exploration Expands in 1959	Mar.	68
News Items		
CFS Senegal Operations	May	108
Exploration in Senegal	Sept	108
SOMALIA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	112
News Item: Somalian Survey	Mar.	110

(Cont'd on page 16)

	ISSUE	PAGE
SOMALILAND PROTECTORATE		
Short Review of Exploration	Sept	100
News Item: Stanvac's Somaliland Test	Feb.	94
SPANISH SAHARA		
Short Review of Exploration	Sept	112
TANGANYIKA (See also British East Africa)		
World Exploration Expands in 1959	Mar.	68
TUNISIA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	112
UNION OF SOUTH AFRICA (News Item)		
Phillips to Build So; African Plant	Sept	110
ASIA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	112
News Items		
Oil Must Adapt in Far East	May	126
Proceedings of Symposium on the Development of Petroleum Resources of Asia and the Far East	Oct.	103
AFGHANISTAN		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	49
News Items		
Afghanistan Search	Apr.	92
Soviet Drilling in Afghanistan	Aug.	70
CHINA		
Sino-Soviet Plans for Oil and Gas. What Chance for Success?, by Alexander Gakner	Sept	60
Ten Years' of Red China Oil, by Dr. George Hosu	Nov.	94
News Items		
China First Home Built Oil Tanker (Photo)	Feb.	88
China's Crude Production	Apr.	92
Oil-Gas Plant for Signapore	May	10
Italian-Chinese Relations	May	112
FORMOSA		
Short Review of Exploration	Sept	112
News Item: Taiwan Imports	Feb.	90
INDIA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	112
News Items		
Russians Find Oil in India	Jan.	68
Indian Refinery, Romanian Credit	Jan.	70
India Against Private Aid	Jan.	70
Indian Oil Lab	Jan.	70
Indian Oil Corporation	Jan.	70
Soviets to Help India	Feb.	90
Drill-Speed Record	Feb.	90
Indian Refinery Aid	Mar.	110
Yugoslavia Firm Lays Gas Pipeline in India	Aug.	70
Says Private Capital Needed	Oct.	88
Gas Line in India	Oct.	88
India's First State Refinery	Oct.	90
Oil Advice to India	Oct.	103
British Pipe for Assam	Oct.	97
Shell Refinery in India Expands	Nov.	118
Indian Pipeline	Nov.	118
JAPAN		
Short Review of Exploration	Sept	112
News Items		
Japanese to Explore Qatar	Jan.	68
Japan Producer	Jan.	68
100,000-Tonner in Japan	Feb.	94
Japanese Help for Indonesia	June	1-236
Japanese Explore Alaska	June	1-240
Japanese Petrochemical Plants	Ref.	122
Japan's Offer to Indonesia	Sept	108
Big Japanese Petrochemical Plant	Sept	108
Belgian Chemical Plant for Japan	Sept	108
Union Oil Venture in Japan	Sept	108
Mitsubishi Plans Big Refinery	Oct.	88
Oil Merger in Japan	Oct.	88
Japanese Seek Capital	Oct.	90
Japanese Petrochemical Plant	Dec.	80B
Japan Makes Jet Fuel	Dec.	84
Offshore Find in Japan	Dec.	86
PAKISTAN		
Short Review of Exploration	Sept	112
News Items		
Pakistan's 26th Dry Test	Jan.	68
Pakistan Refinery	Oct.	88
Pakistan Gas Find	Oct.	90
New Pakistan Refinery	Nov.	118
SIAM (Thailand)		
Short Review of Exploration	Sept	114
USSR (Asia) (News Item)		
Oil Believed in Siberia	Feb.	88
AUSTRALASIA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	112
AUSTRALIA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	112
News Items		
Australia's Oil Supplier	Jan.	68
Shell in Australia	Jan.	68
Queensland Applications	Feb.	94
Australian Oil Hunt	Mar.	108
Stanvac in Australia	Mar.	108
Boron Gas "Down Under"	May	123
Magellan Expands in Australia	May	106
Unusual Tank Construction	May	112
$200 Million for Australia	June	1-234
Deep Test in Australia	June	1-234
Australian Investment	June	1-252
Oil Incentives Down Under	July	74
Australian Oil Show	July	74
Australian Roundup	July	74
Australian Petrochemical Plant	Aug.	70
Phillips-Sunray Enter Australia	Aug.	70
New Australian Chemical Company	Sept	108
Dry Australian Well	Sept	110
Australia Subsidizes Drilling	Sept	108
Australia Limits Gasoline Stations	Sept	108
Australian Hunt Speeded	Sept	108
Deep Well in West Australia	Oct.	88
Phillips in Australia	Oct.	90
Australian Styrene Plant	Oct.	90
Island Wildcat in Australia	Oct.	90
Australian Oil Terminal	Nov.	118
Petrochemical Bids in Australia	Nov.	118
Australia Plans Oil Restrictions	Nov.	118
Australian Tax Incentives	Dec.	86
BRITISH BORNEO (See also Indonesia)		
Short Review of Exploration	Sept	112
BURMA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	112
INDONESIA (See also British Borneo)		
Short Review of Exploration	Sept	112
News Items		
Indonesian Fertilizer Plant	June	1-234
Japan Help for Indonesia	June	1-236
Japan's Offer to Indonesia	Sept	108
LAOS (News Item)		
Laos Concession Terms	June	1-236
NETHERLANDS NEW GUINEA		
Short Review of Exploration	Sept	112
NEW ZEALAND		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	112
News Items		
New Zealand Shale	Jan.	70
New Zealand Wildcat	Feb.	90
New Zealand's First Refinery	Ref.	10
New Zealand Refinery	Ref.	124
PAPUA		
World Exploration Expands in 1959	Mar.	68
Short Review of Exploration	Sept	114
News Items		
Papuan Success	Jan.	68
New Company for Papua Search	Jan.	70
Seek Papua Rights	Feb.	90
New Papua Permit	May	116
Second Papua Well	July	74
Papuan Offer	Sept	110
Murphy Corp. in Papua Underwater Oil Search	Sept	110
PHILIPPINES		
World Exploration Expands in 1959	Mar.	68
News Item: Phill		
News Item: Philippines	Nov.	108
TIMOR (News Item)		
Timor Wildcat	Sept	110